

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

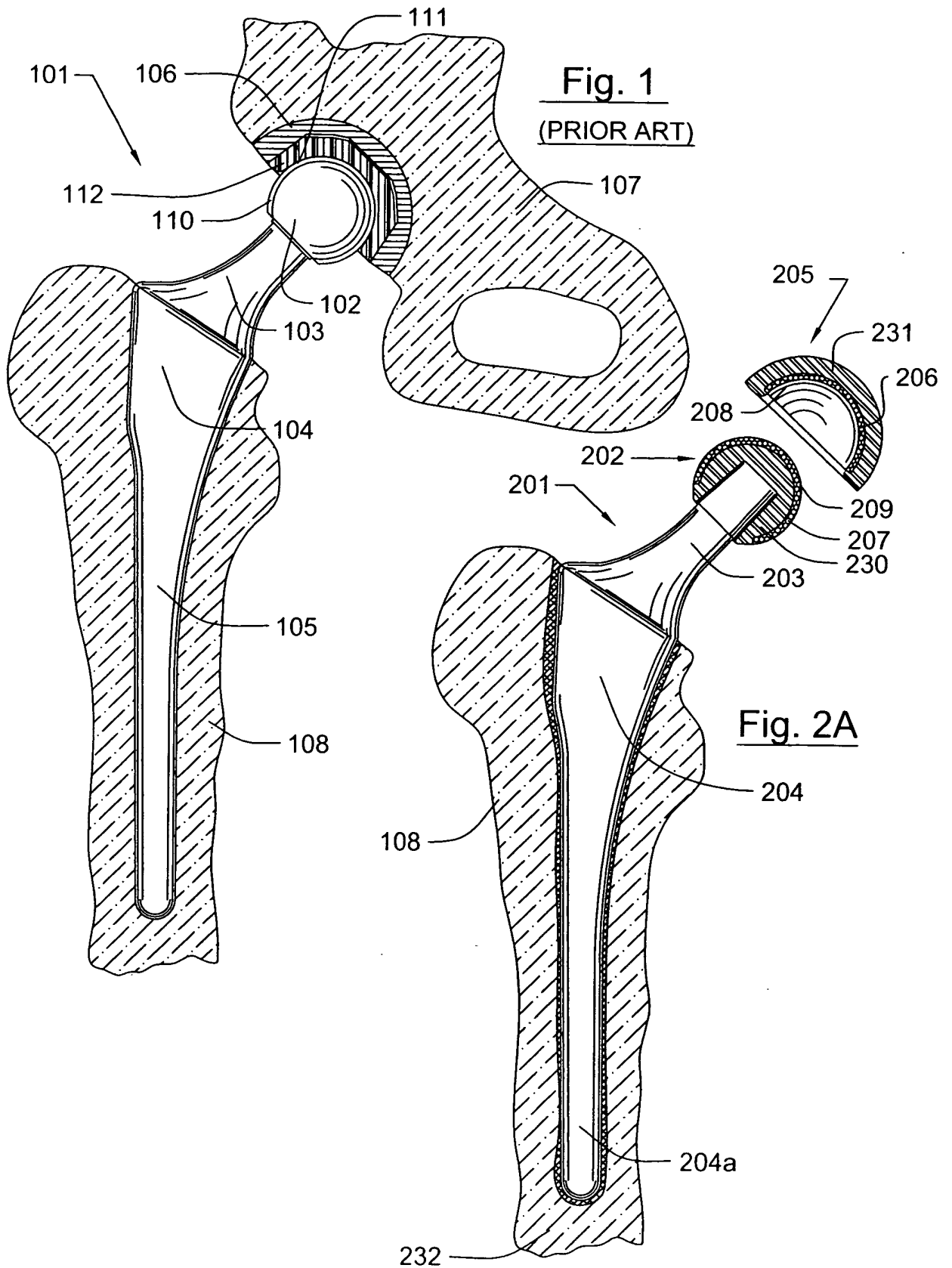
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



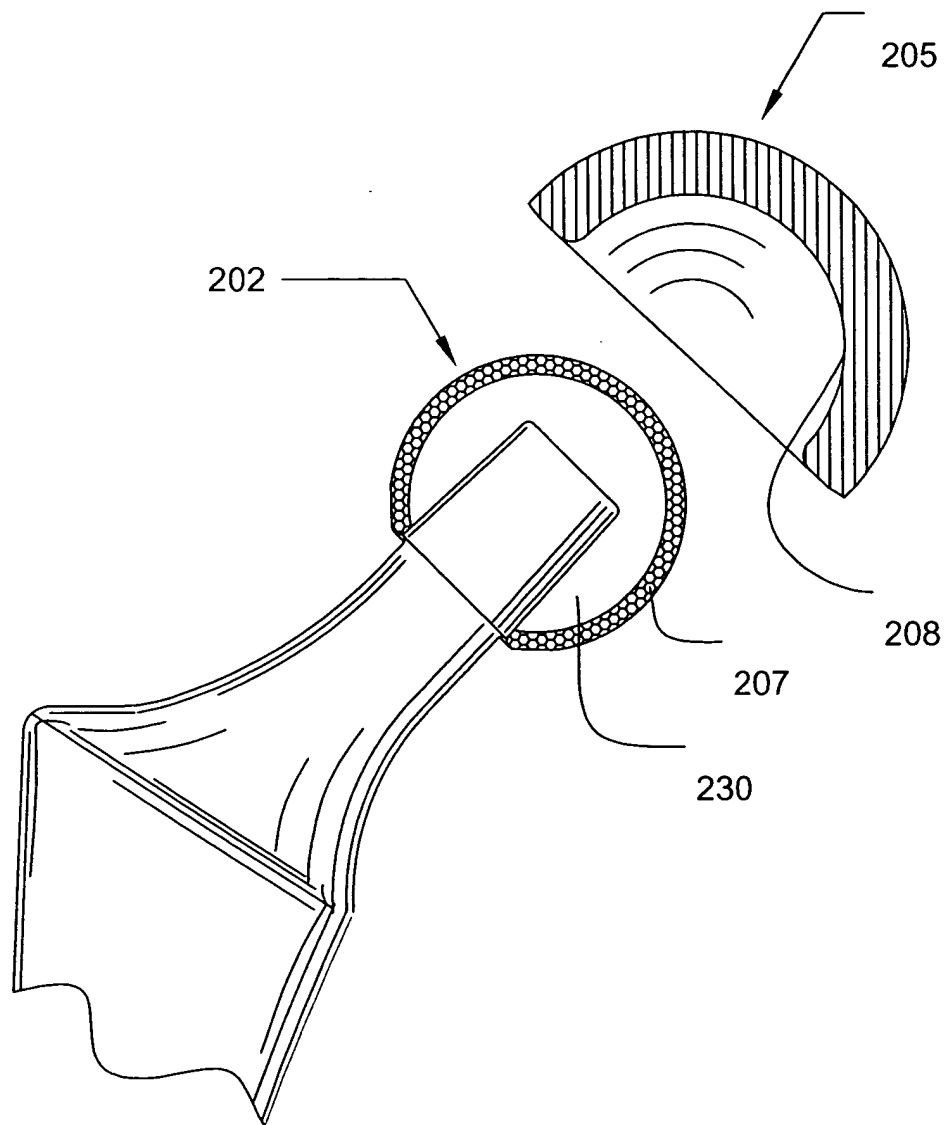


Fig. 2B

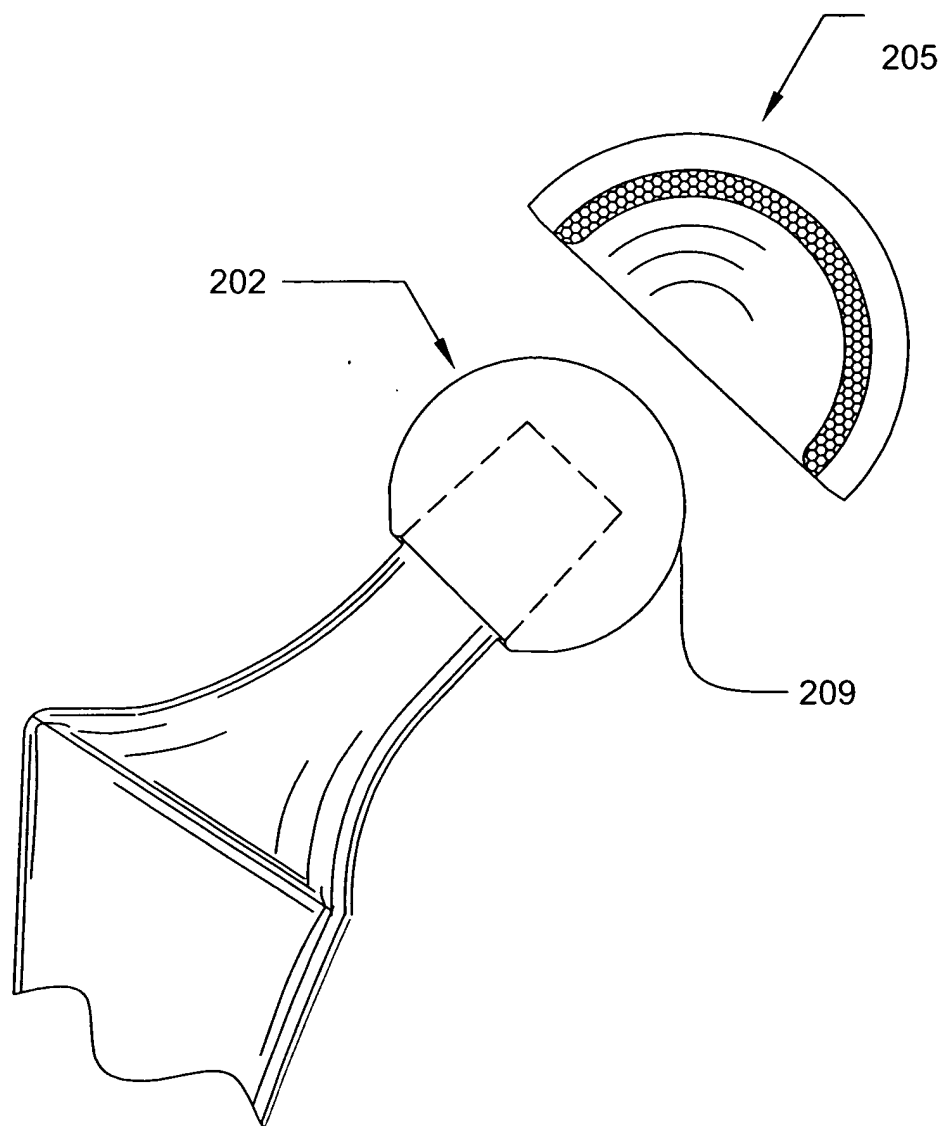


FIG. 2C

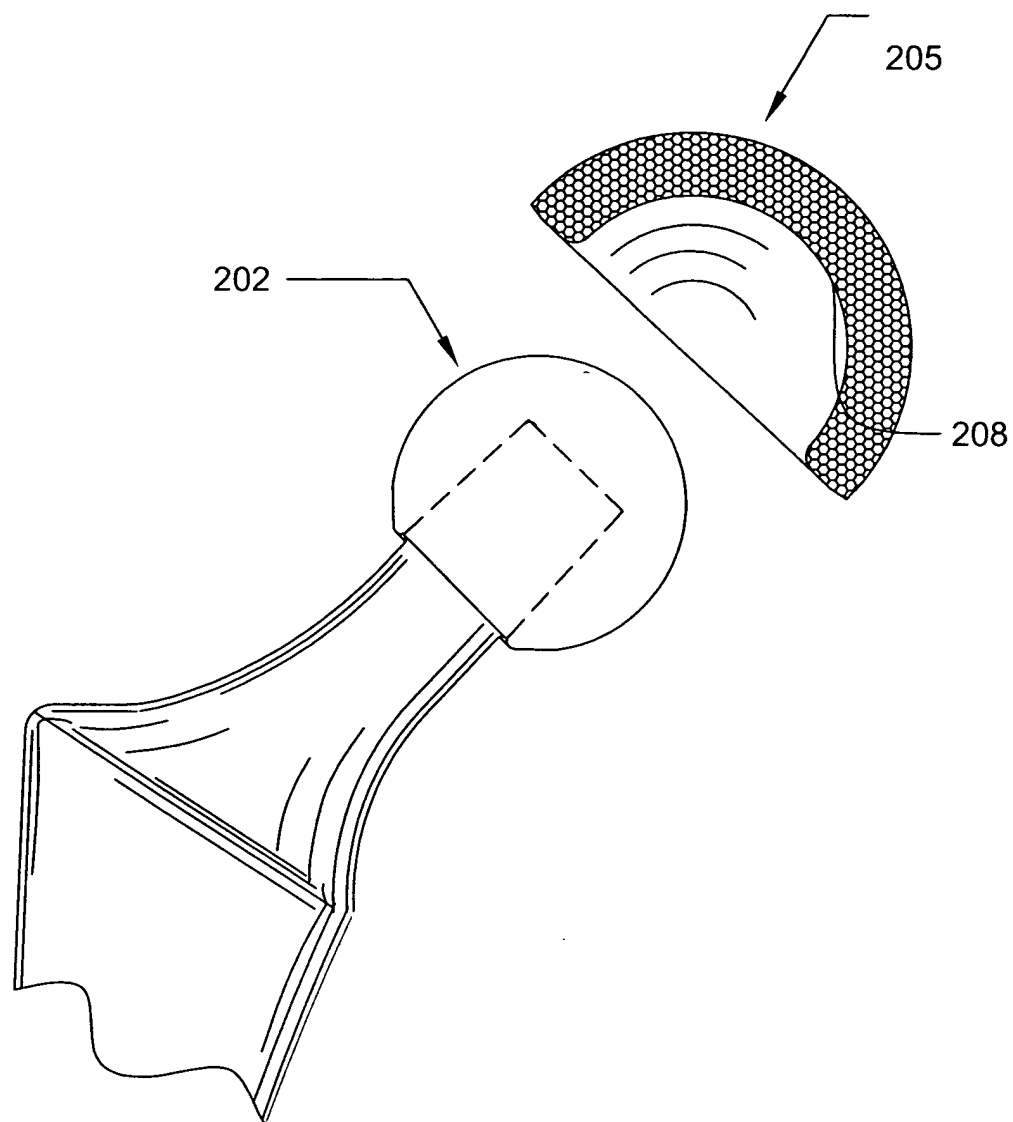


Fig. 2D

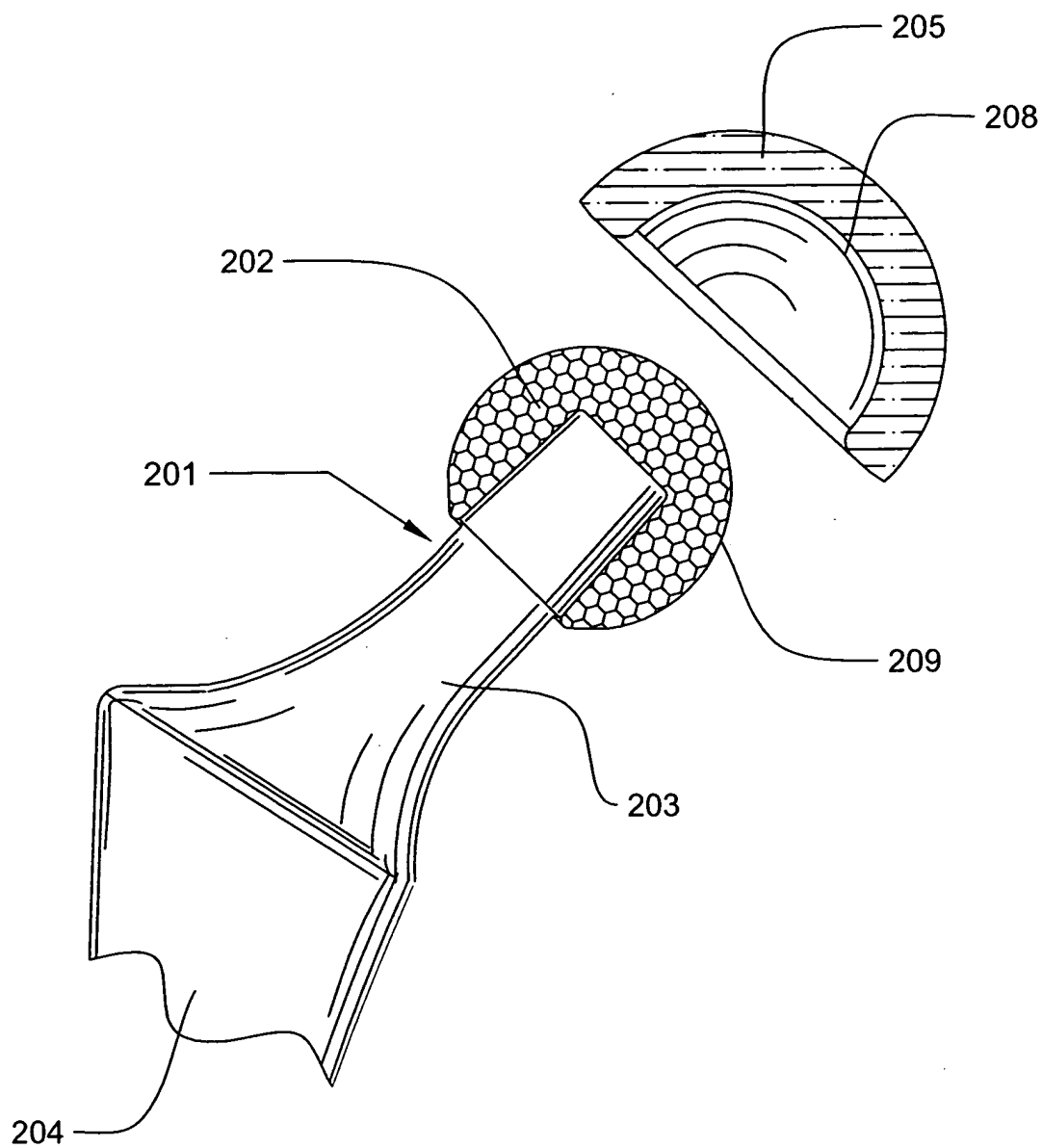


Fig. 2E

Fig. 2F

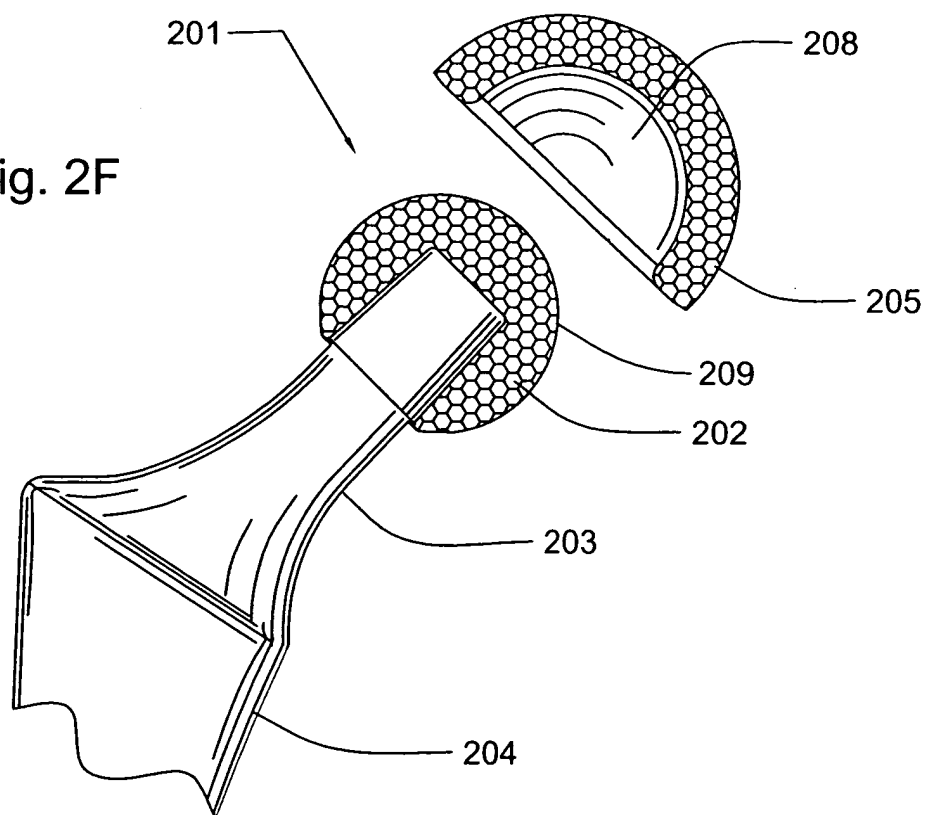
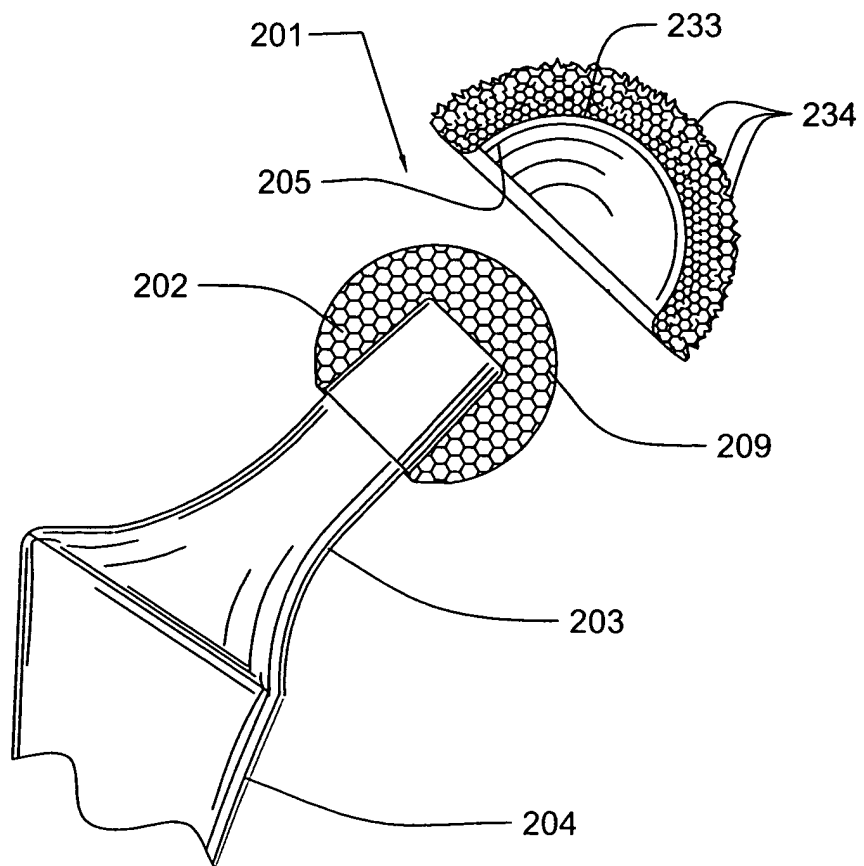
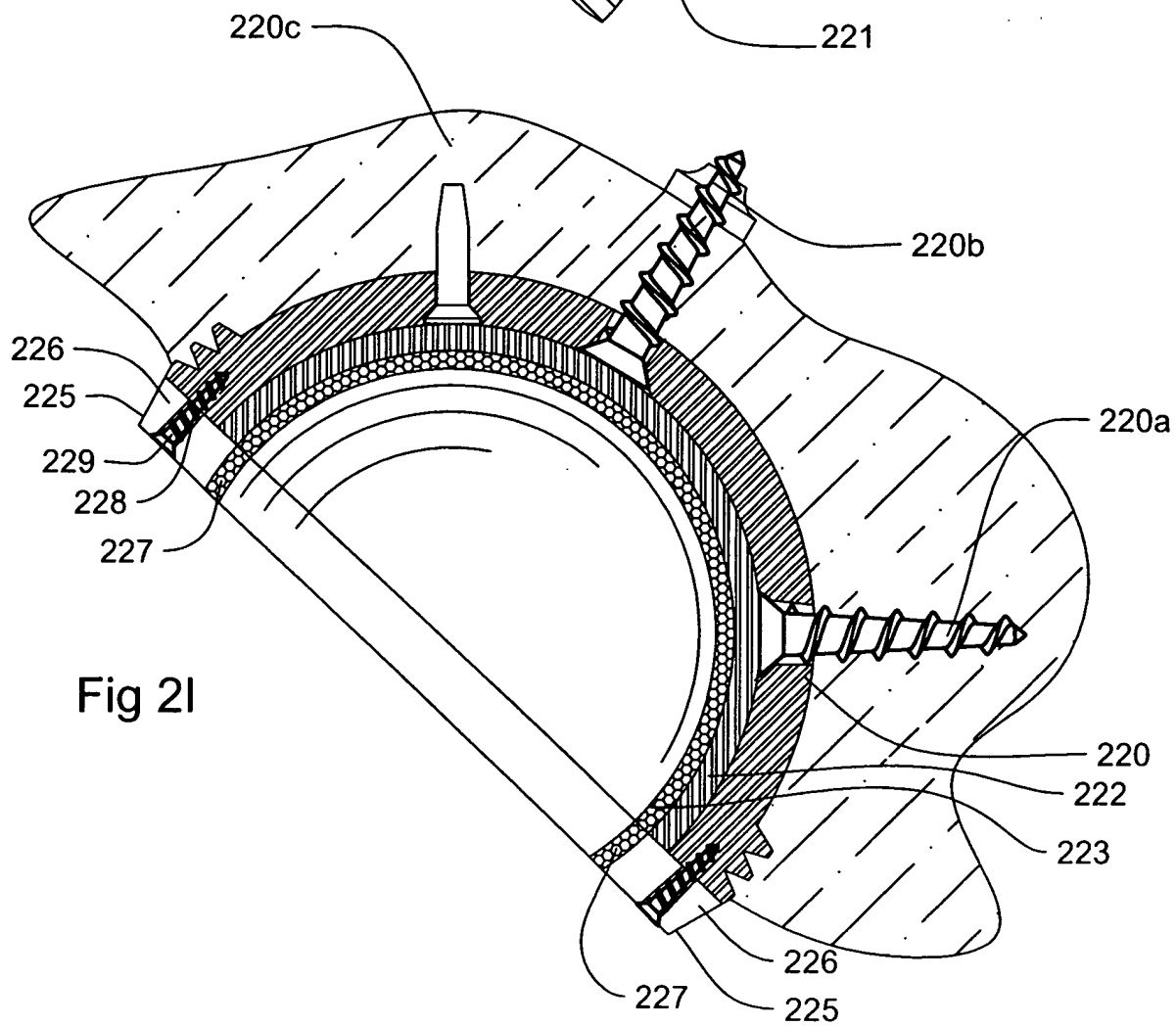
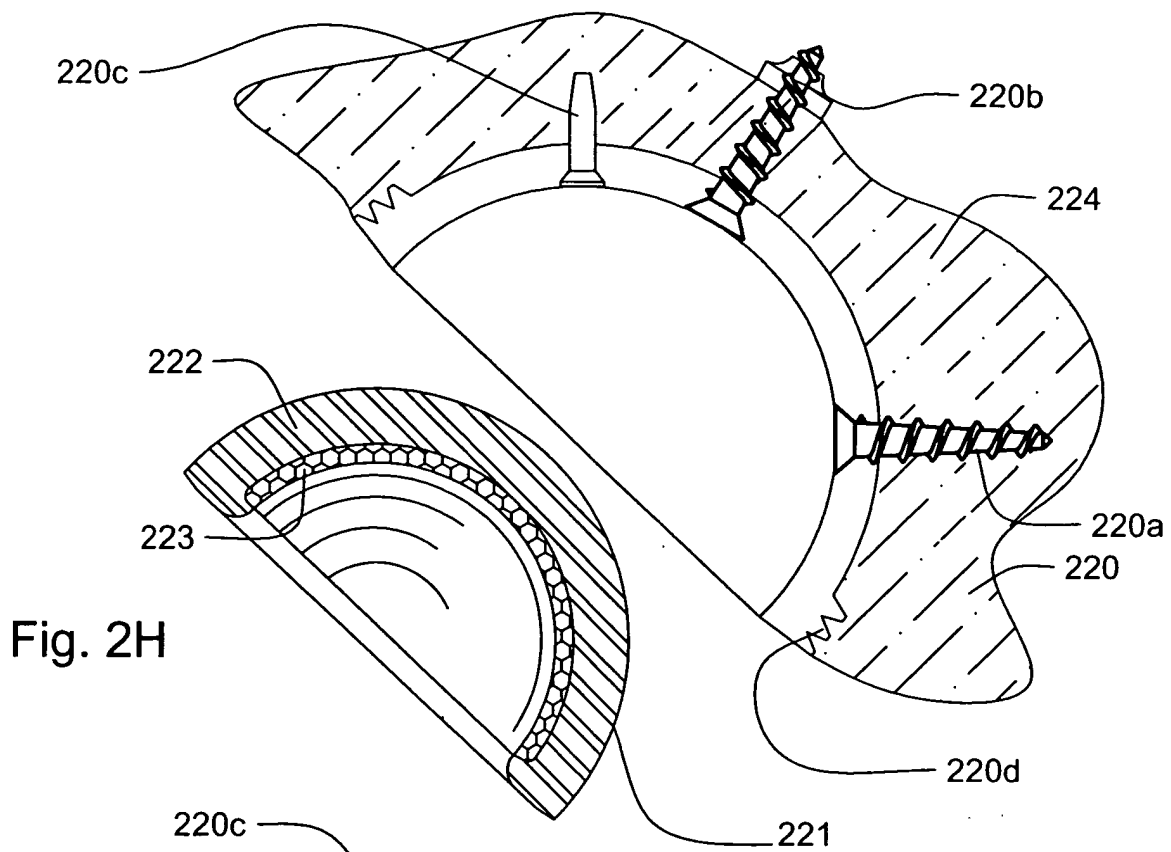


Fig. 2G







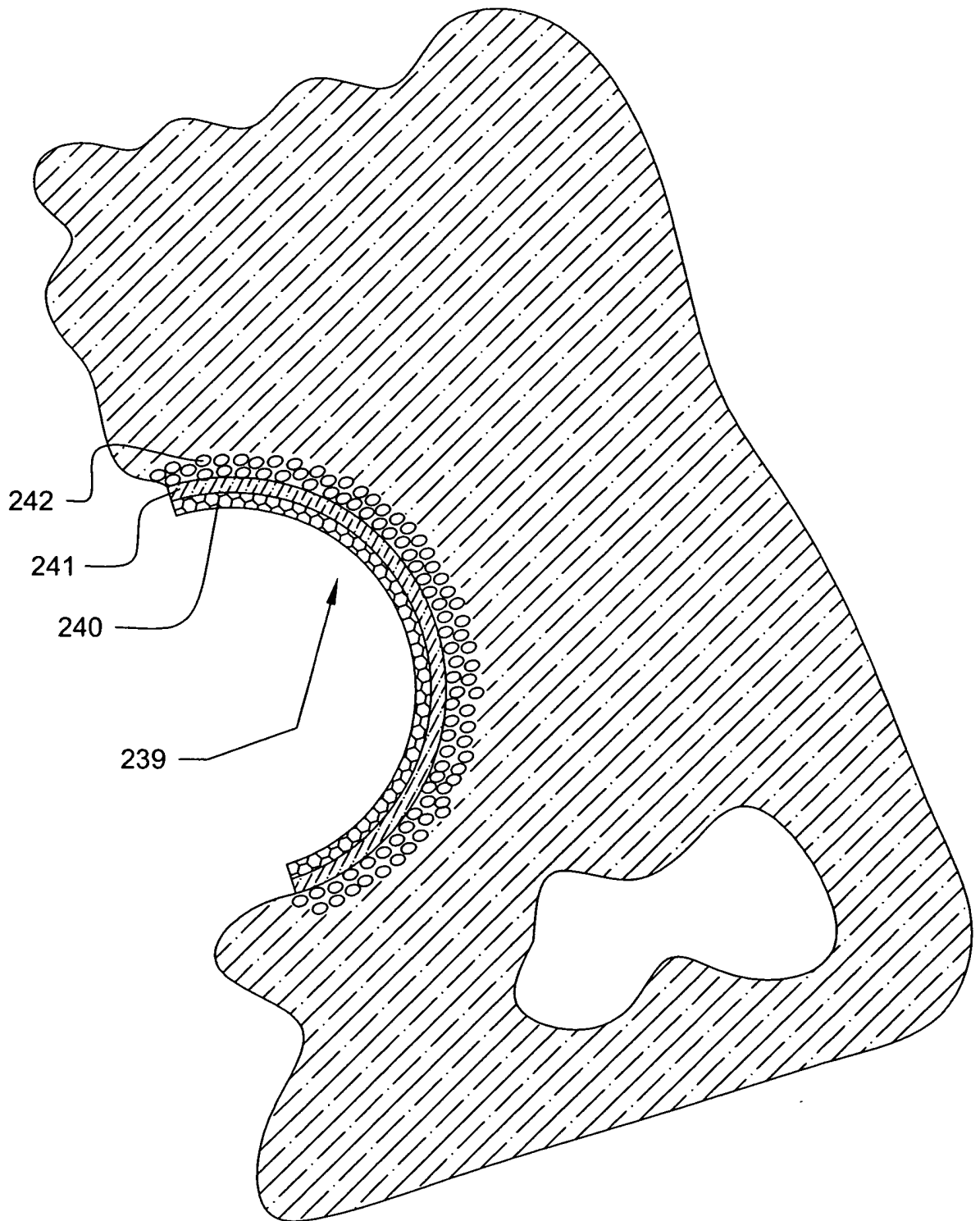


Fig. 2J

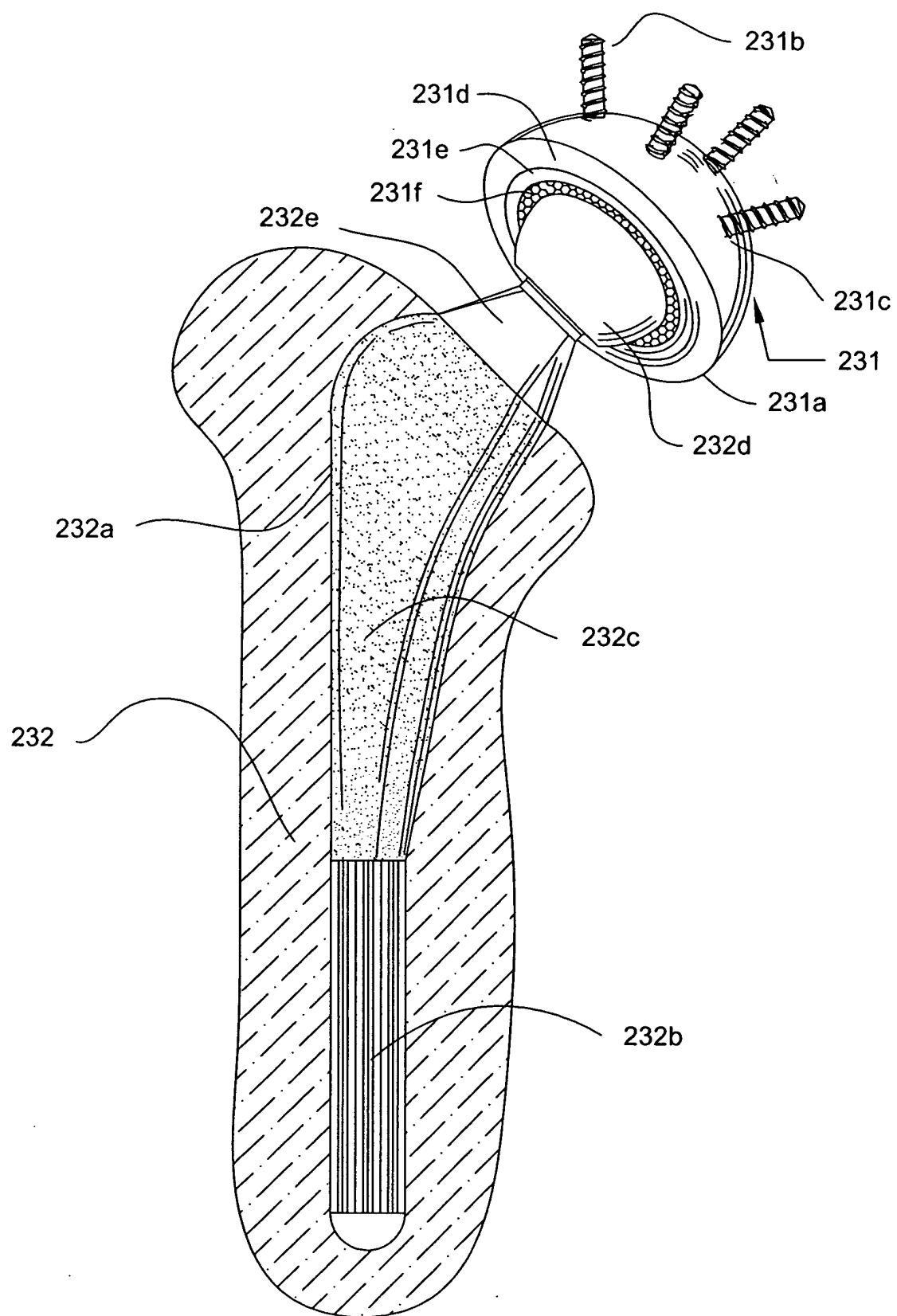


Fig. 2K

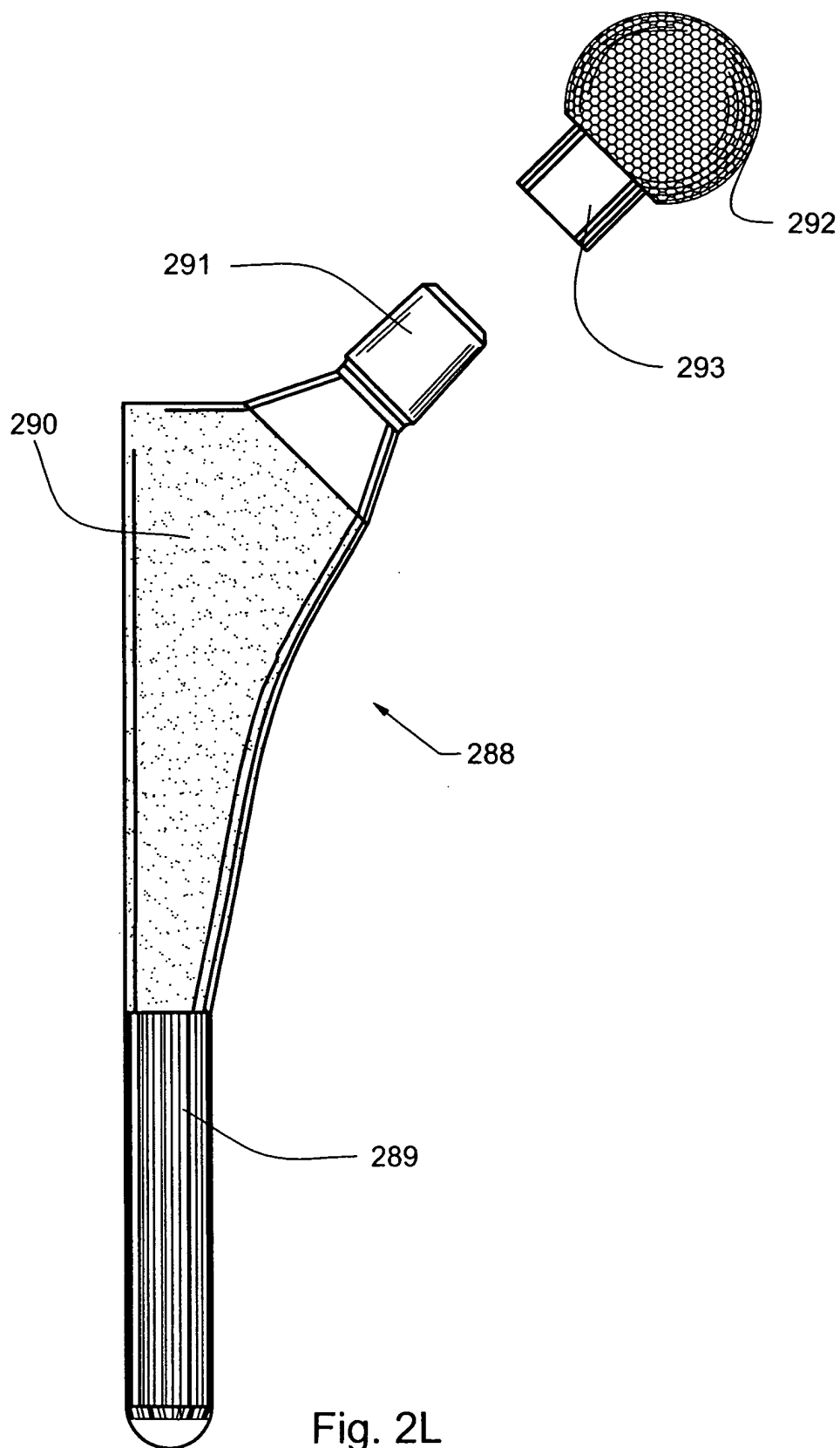
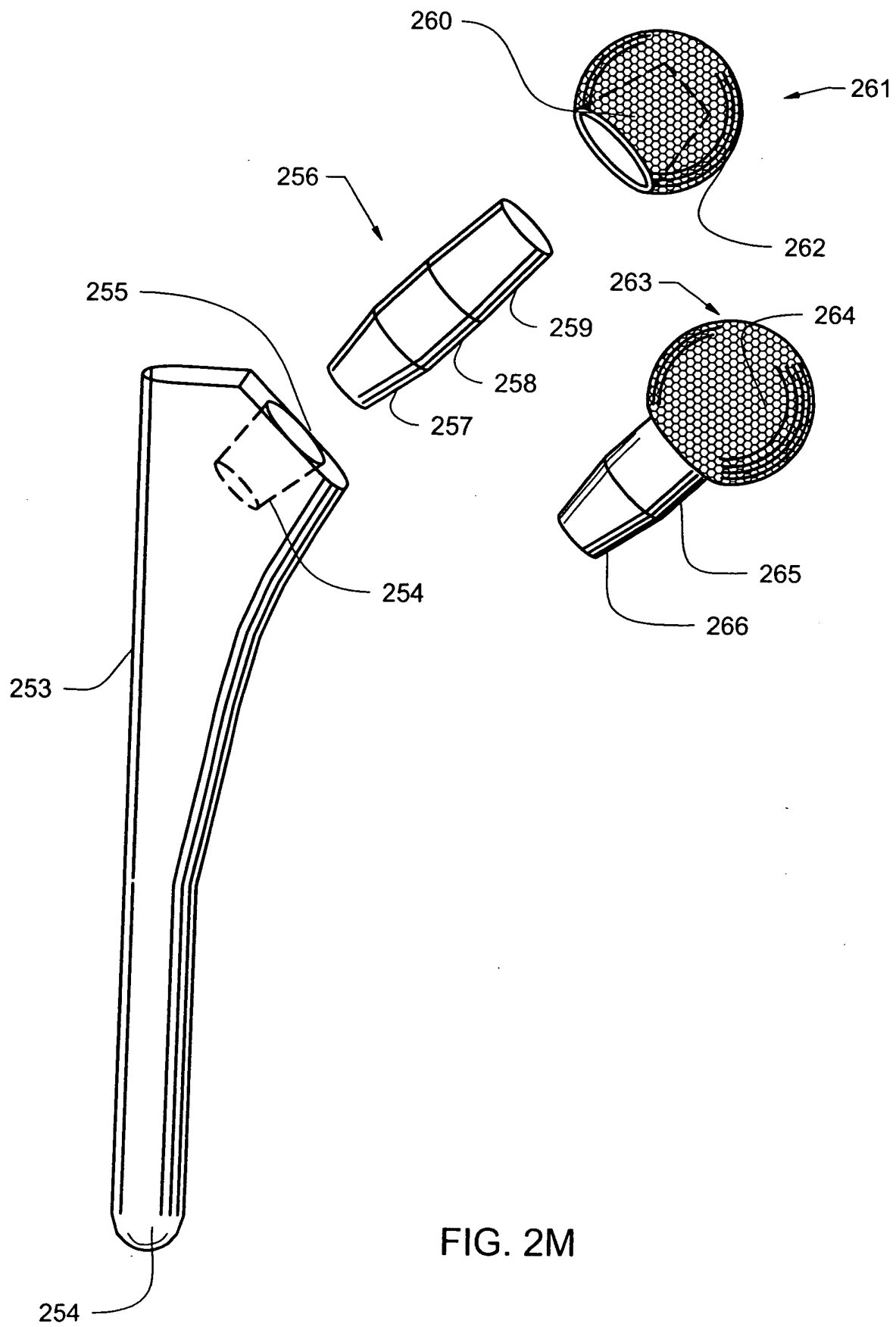


Fig. 2L



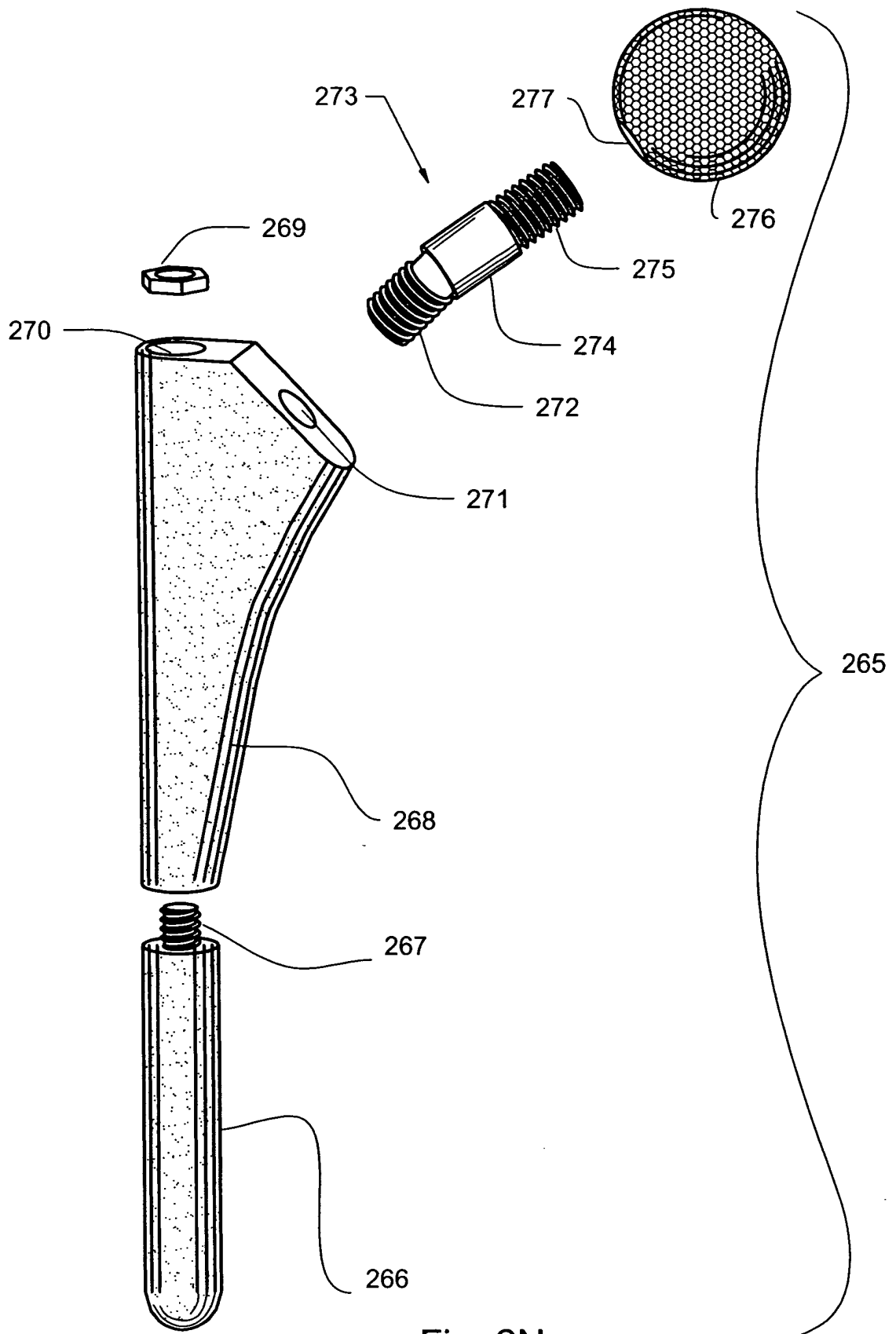
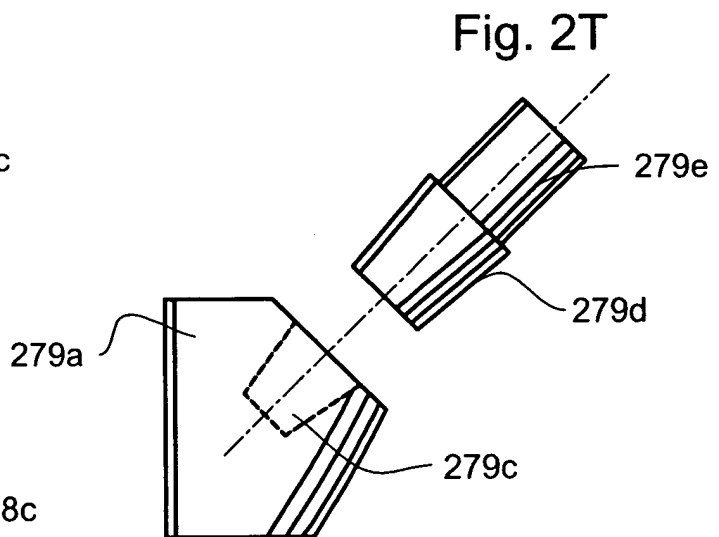
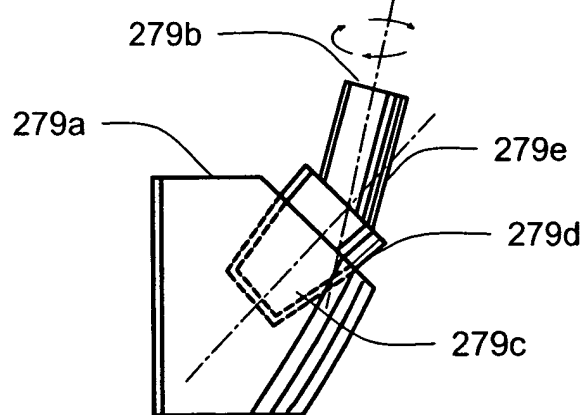
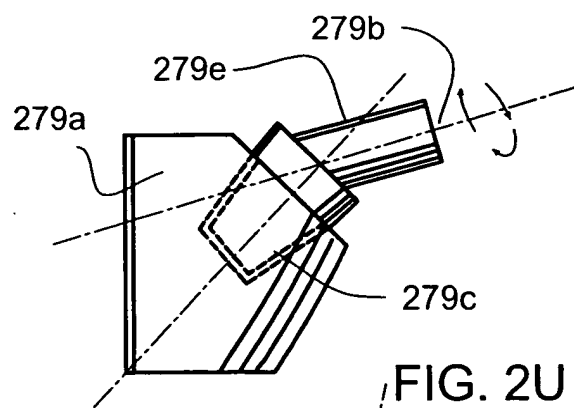
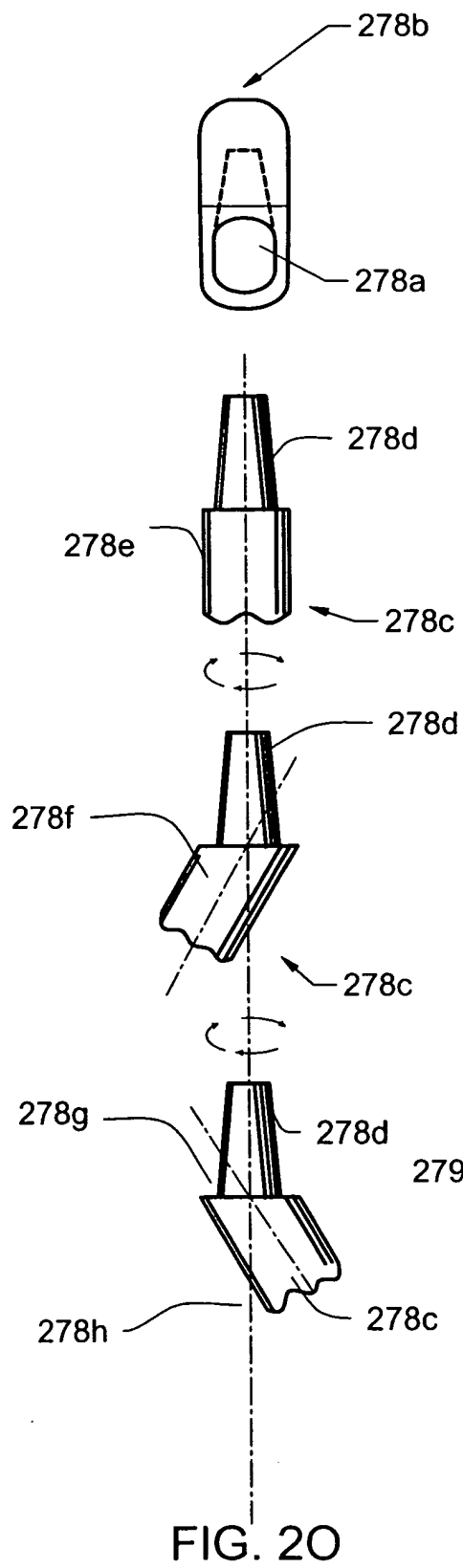


Fig. 2N



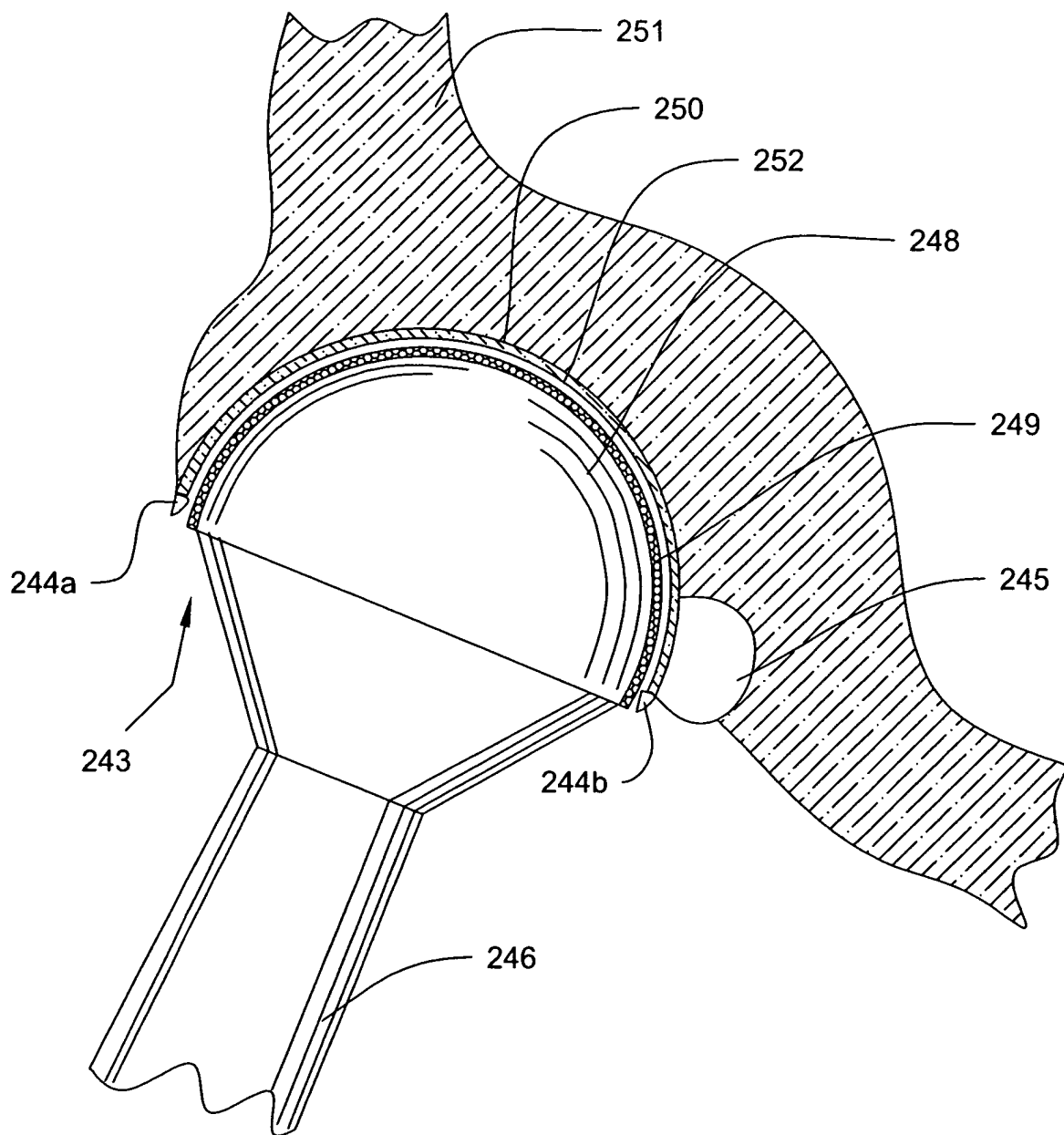


Fig. 2P

Fig. 2R

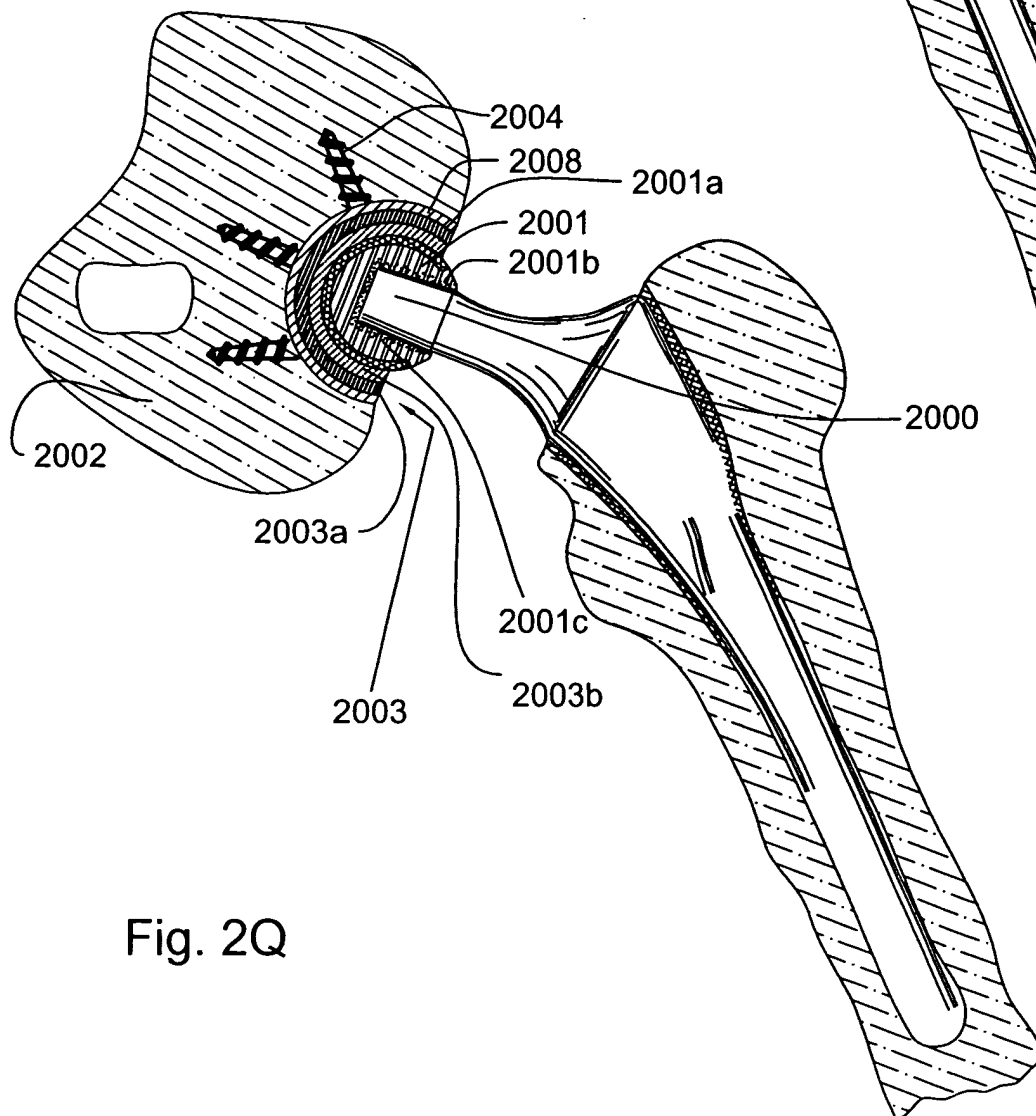
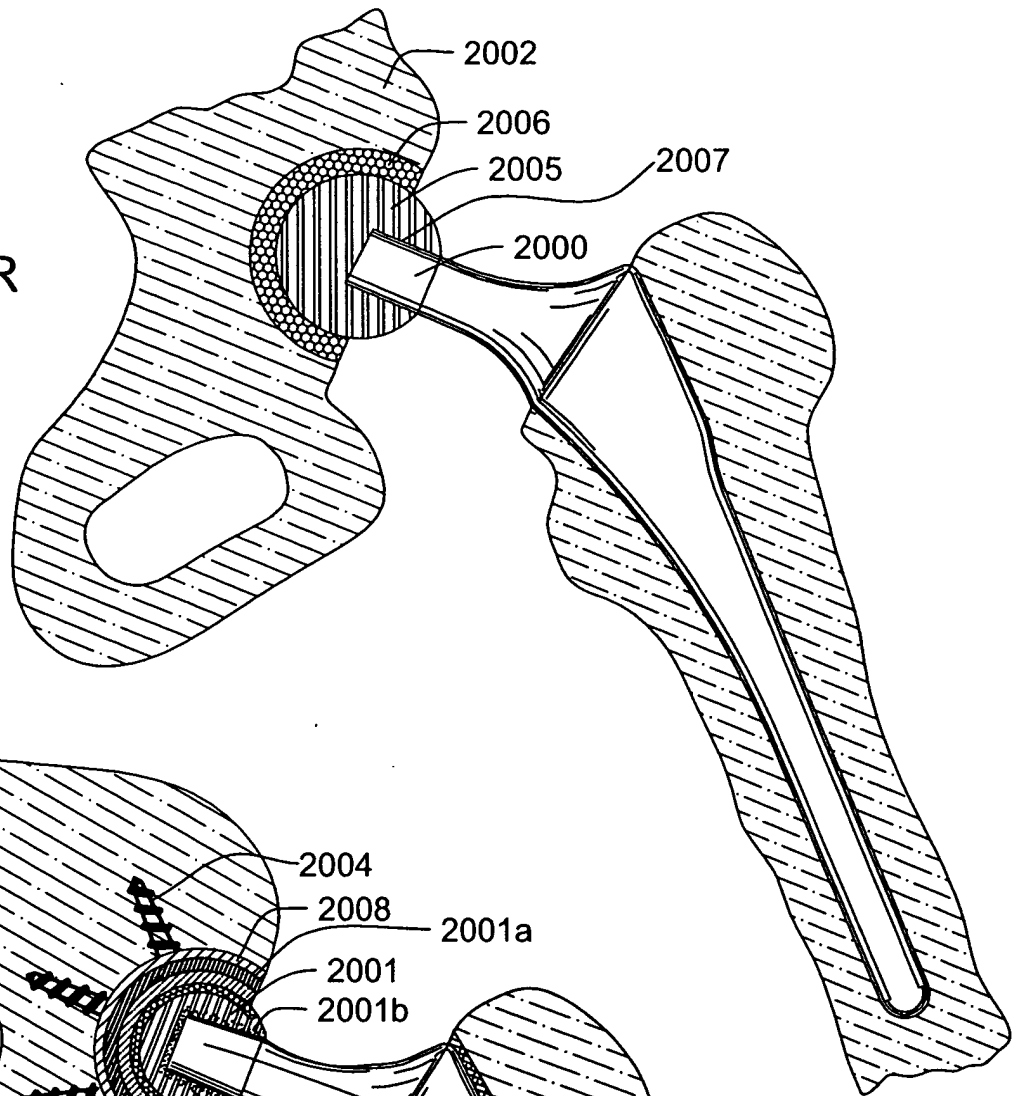


Fig. 2Q



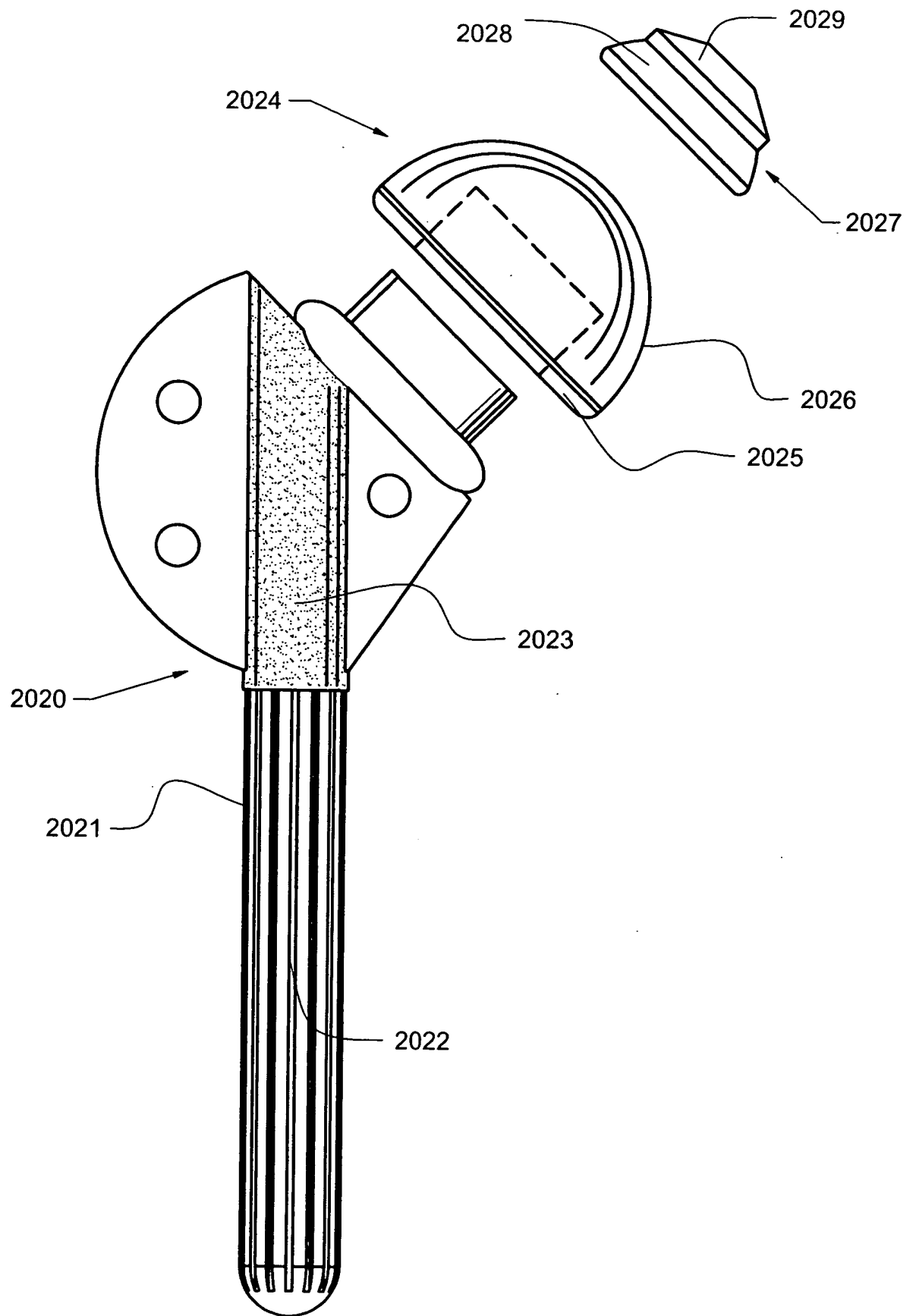


FIG. 2V

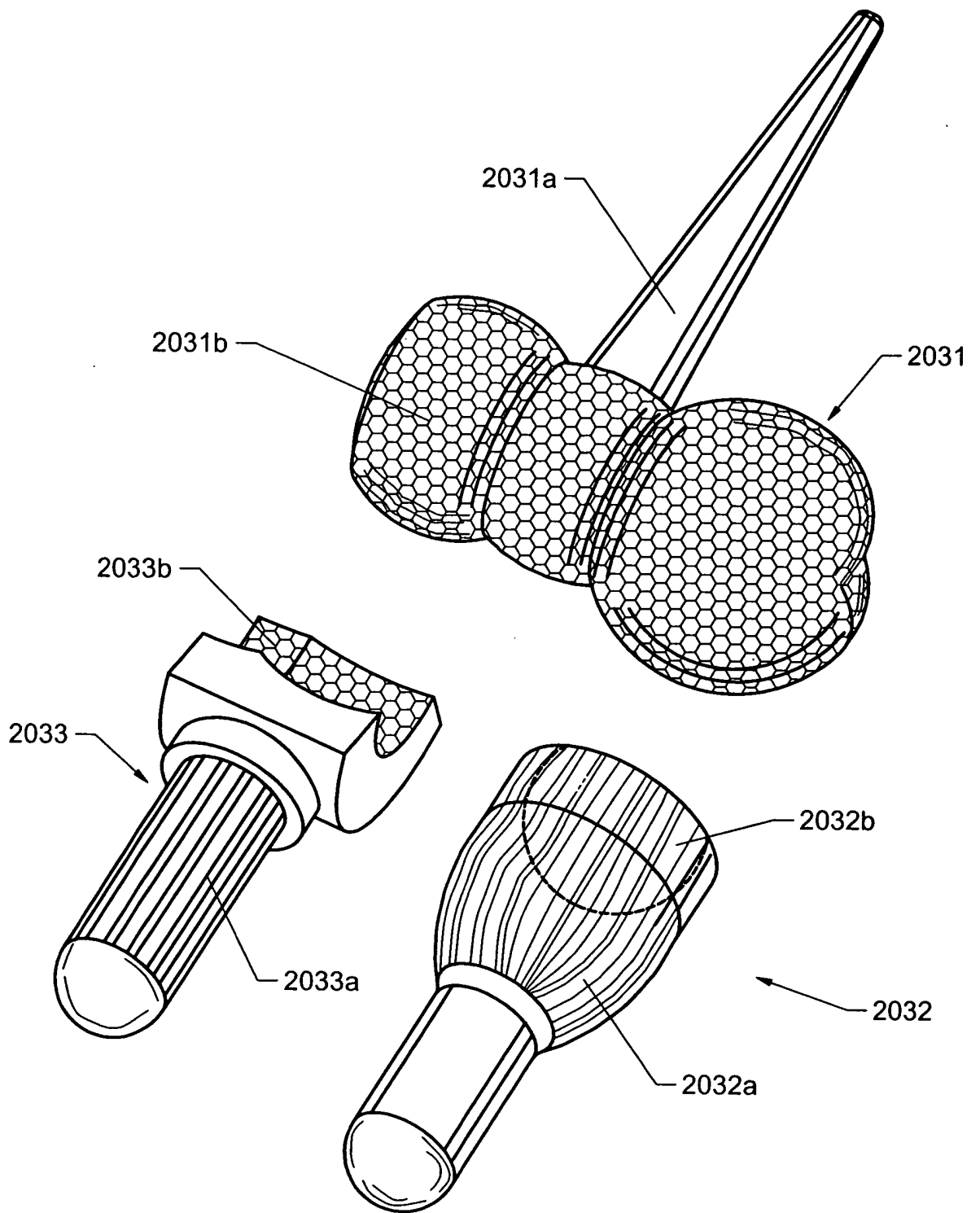


Fig. 2W

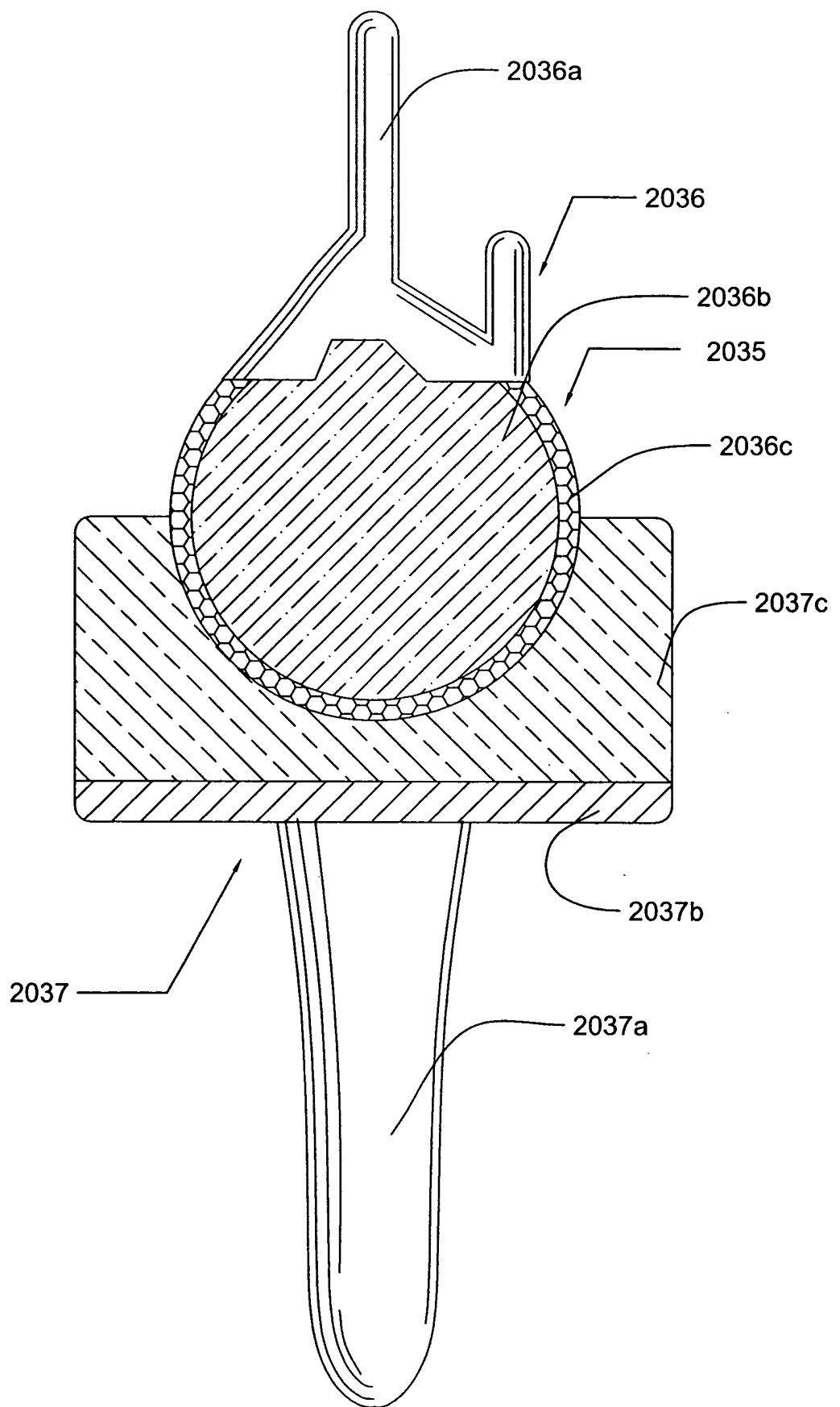


Fig. 2X

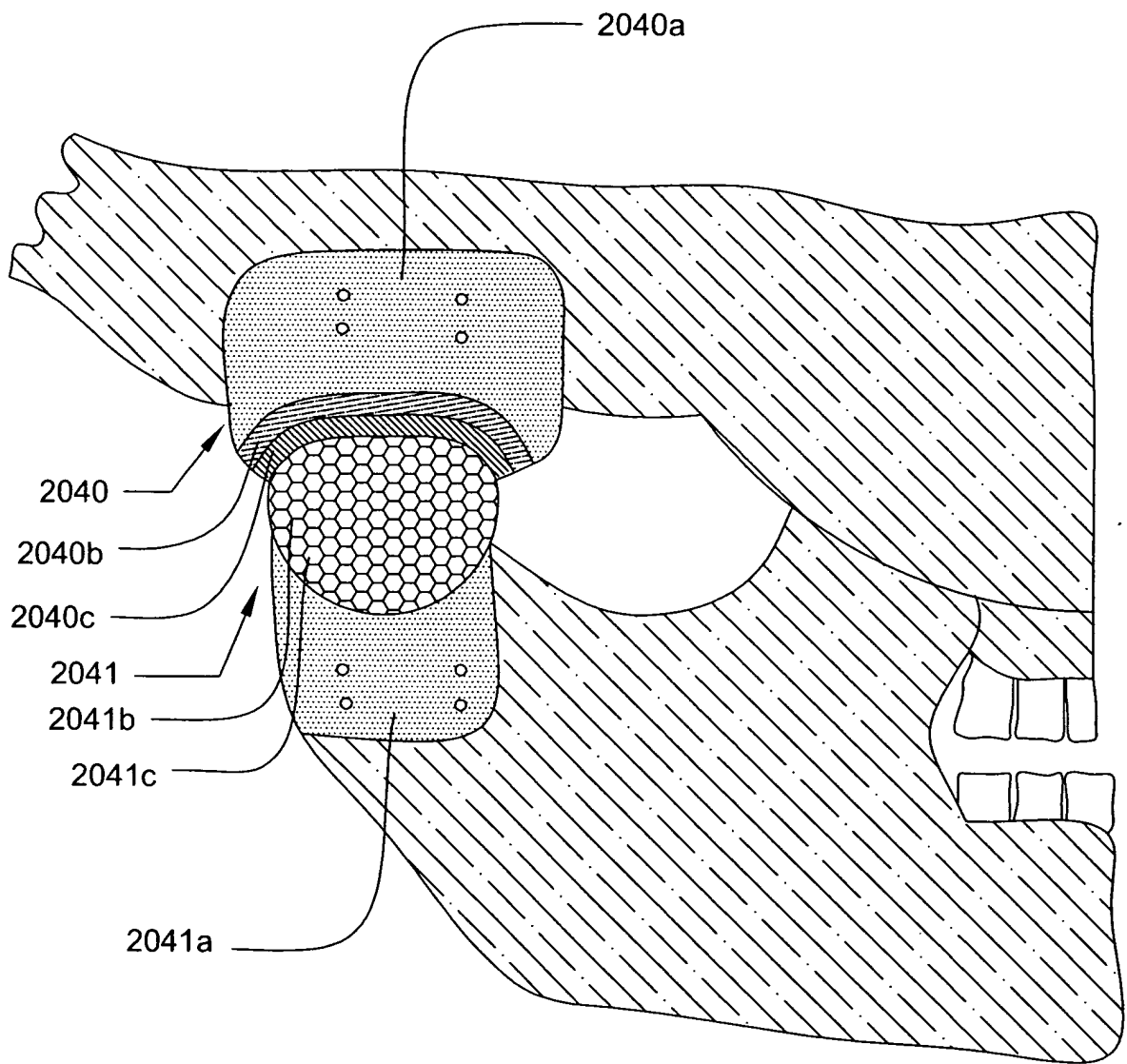


Fig. 2Y

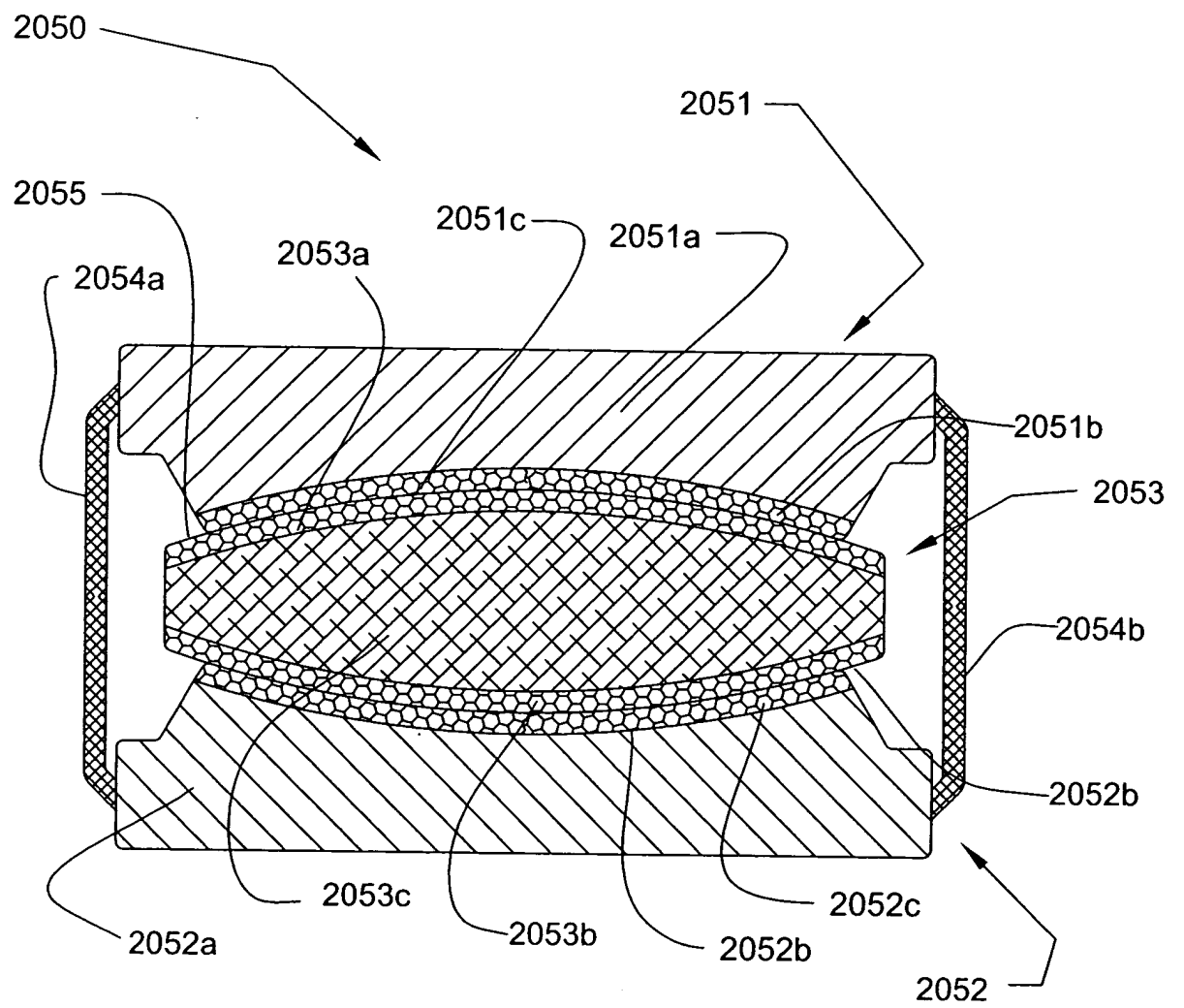


FIG. 2Z

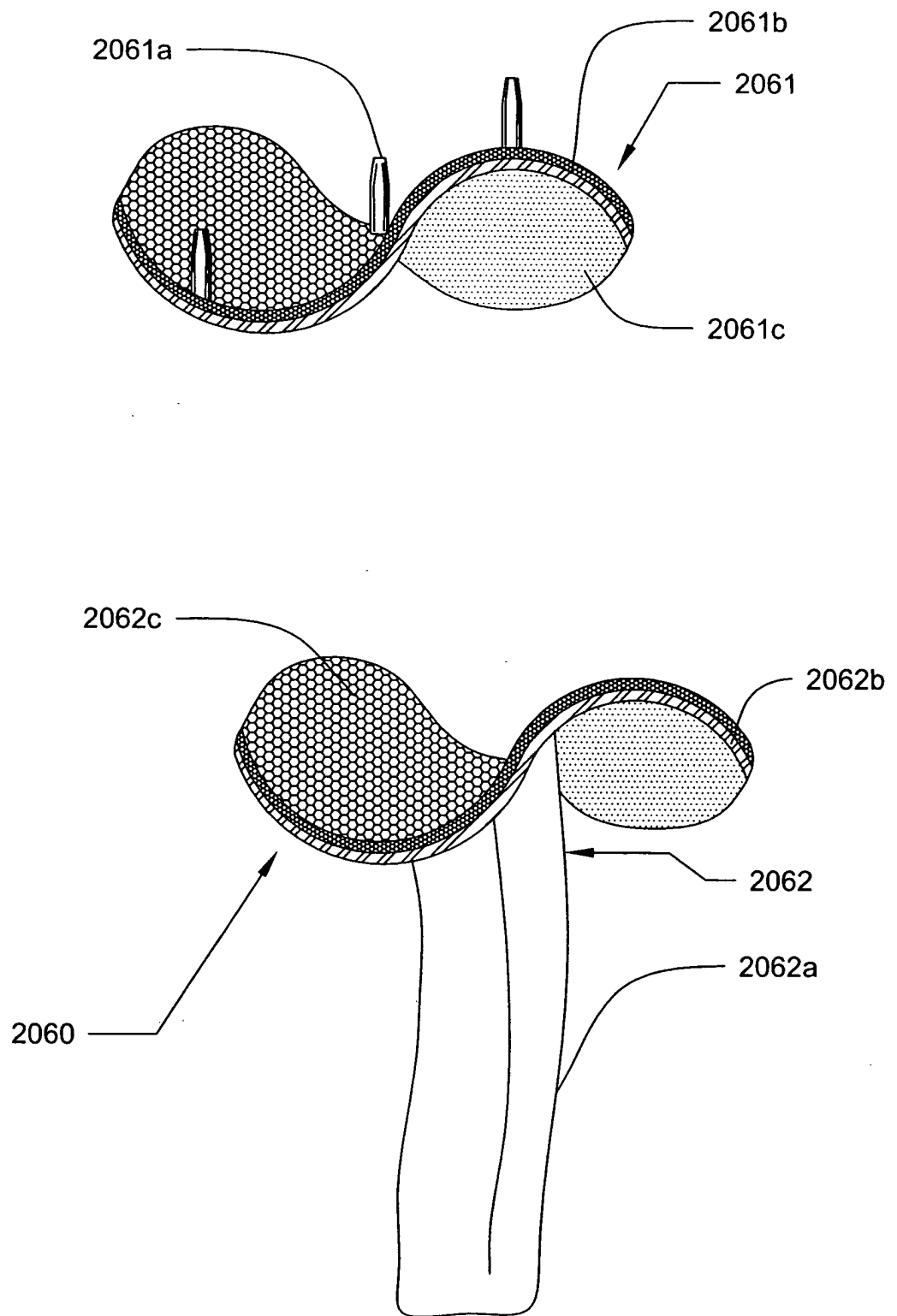


Fig. 2AA

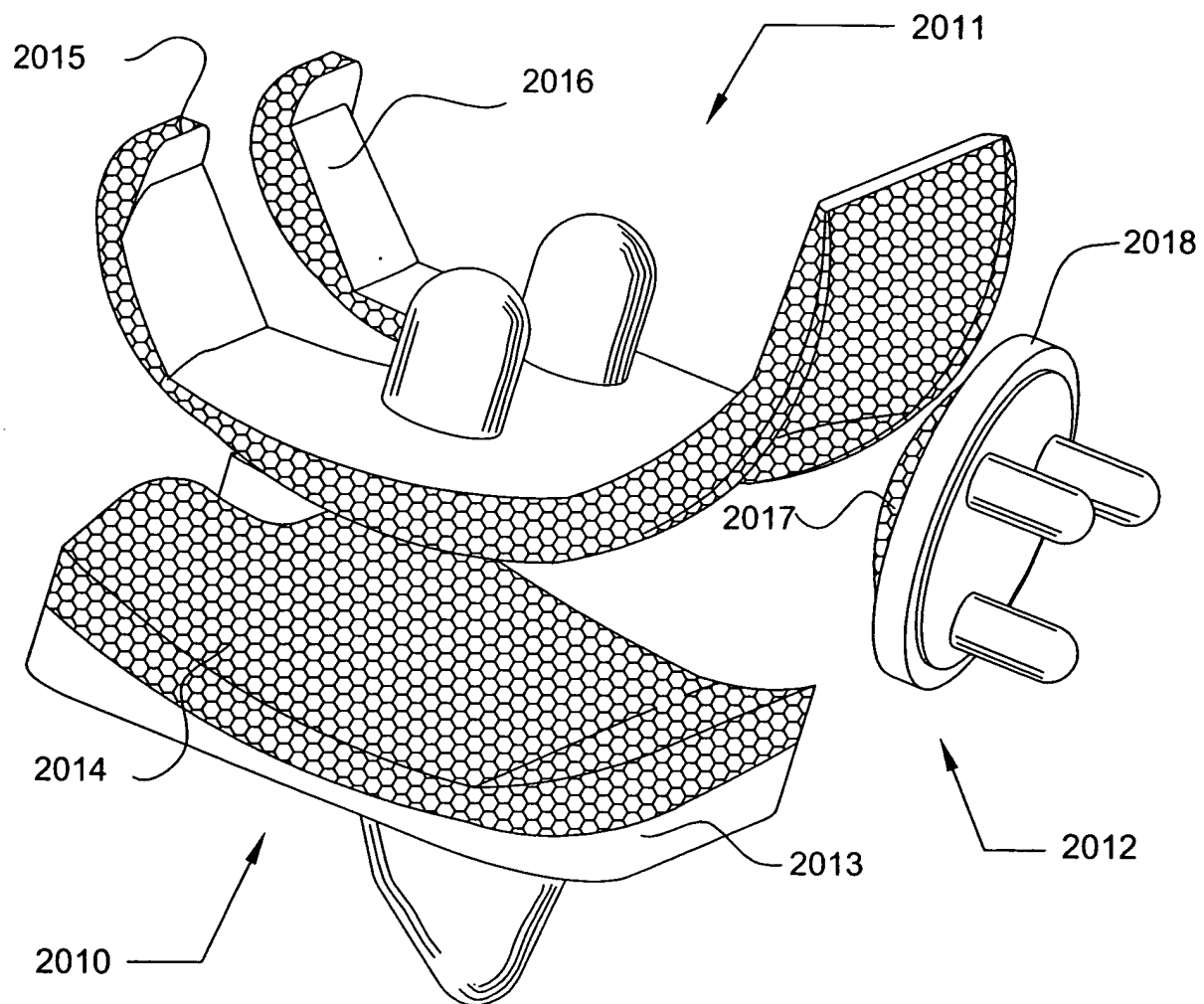


Fig. 2AB

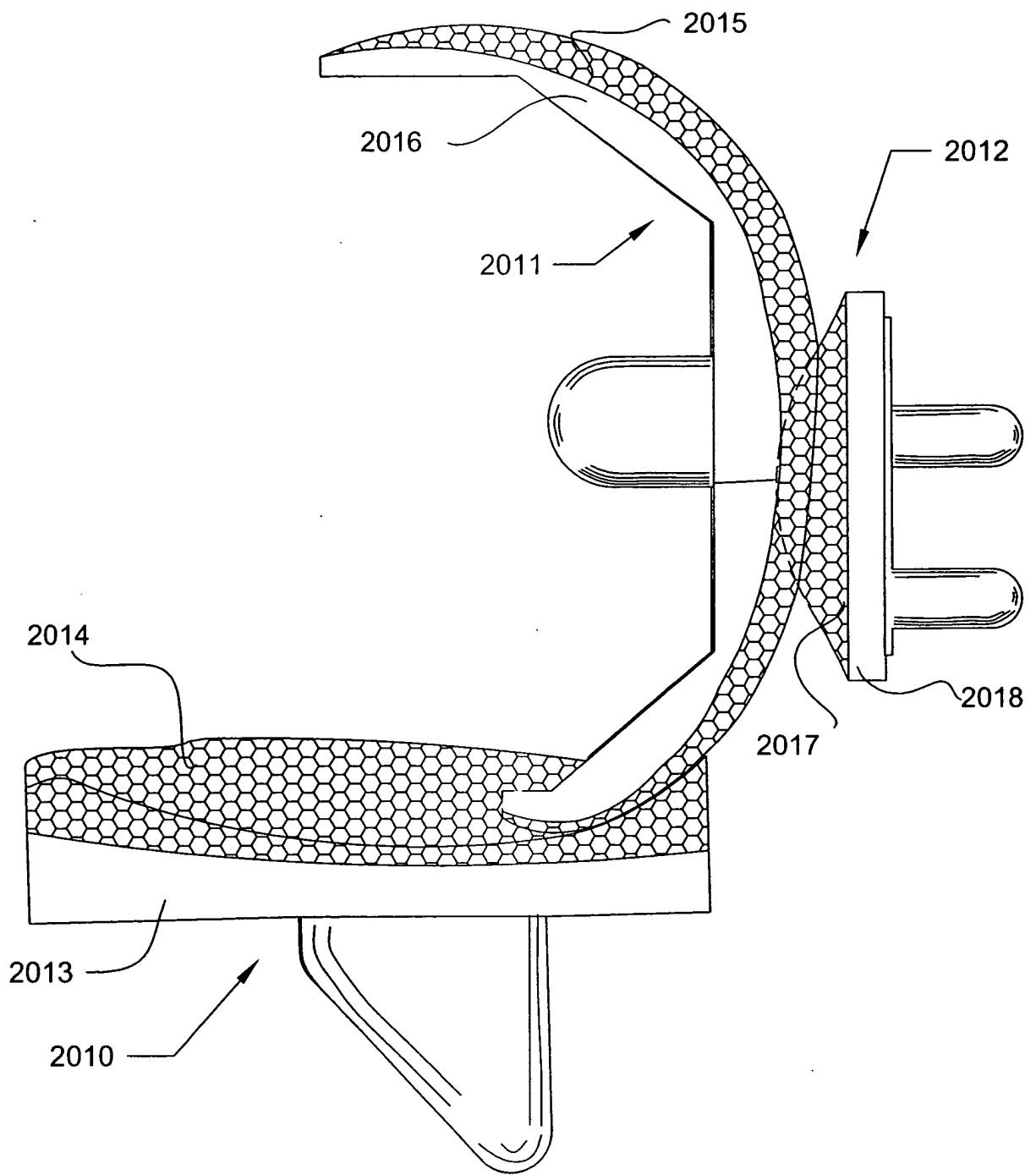


Fig. 2AC



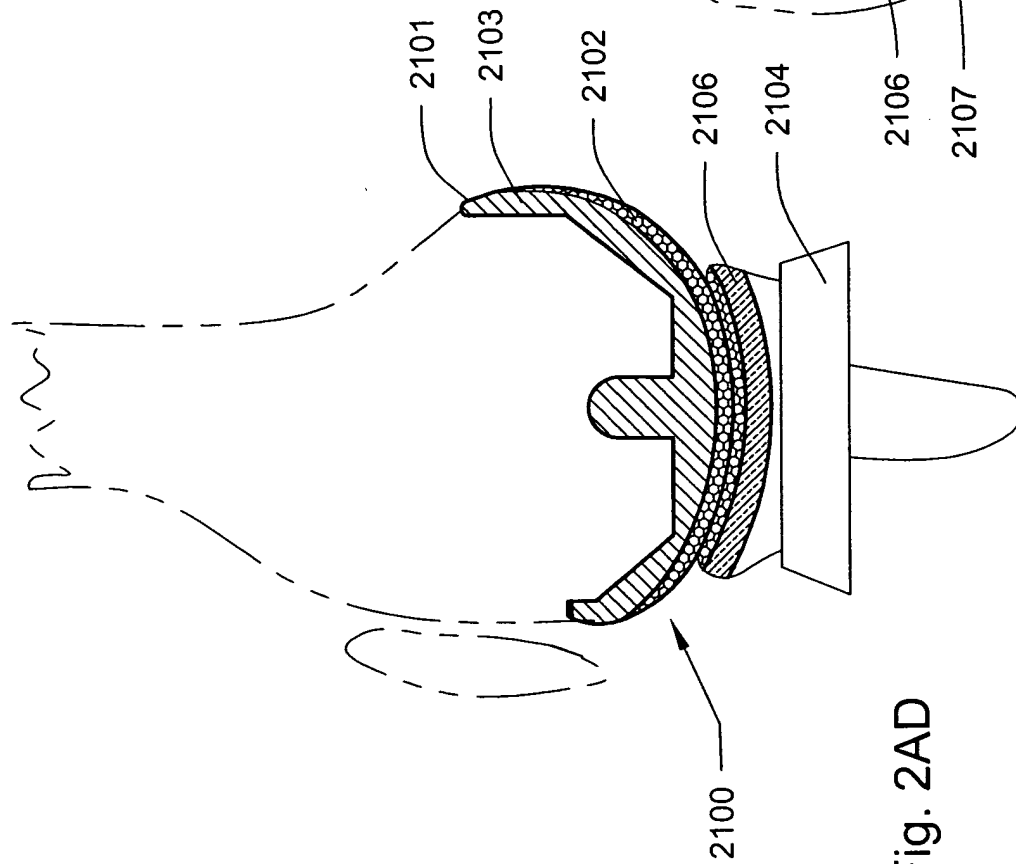


Fig. 2AD

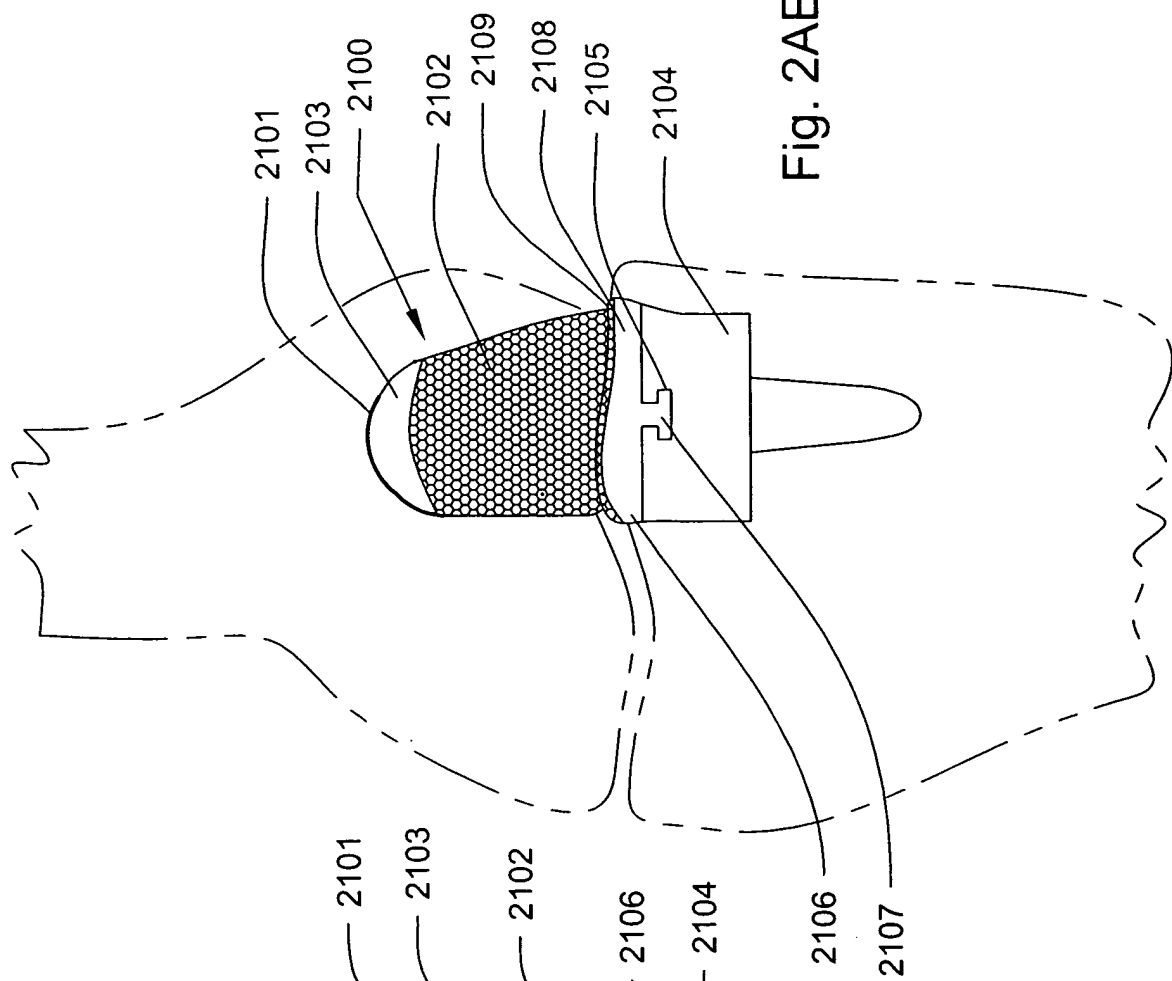


Fig. 2AE

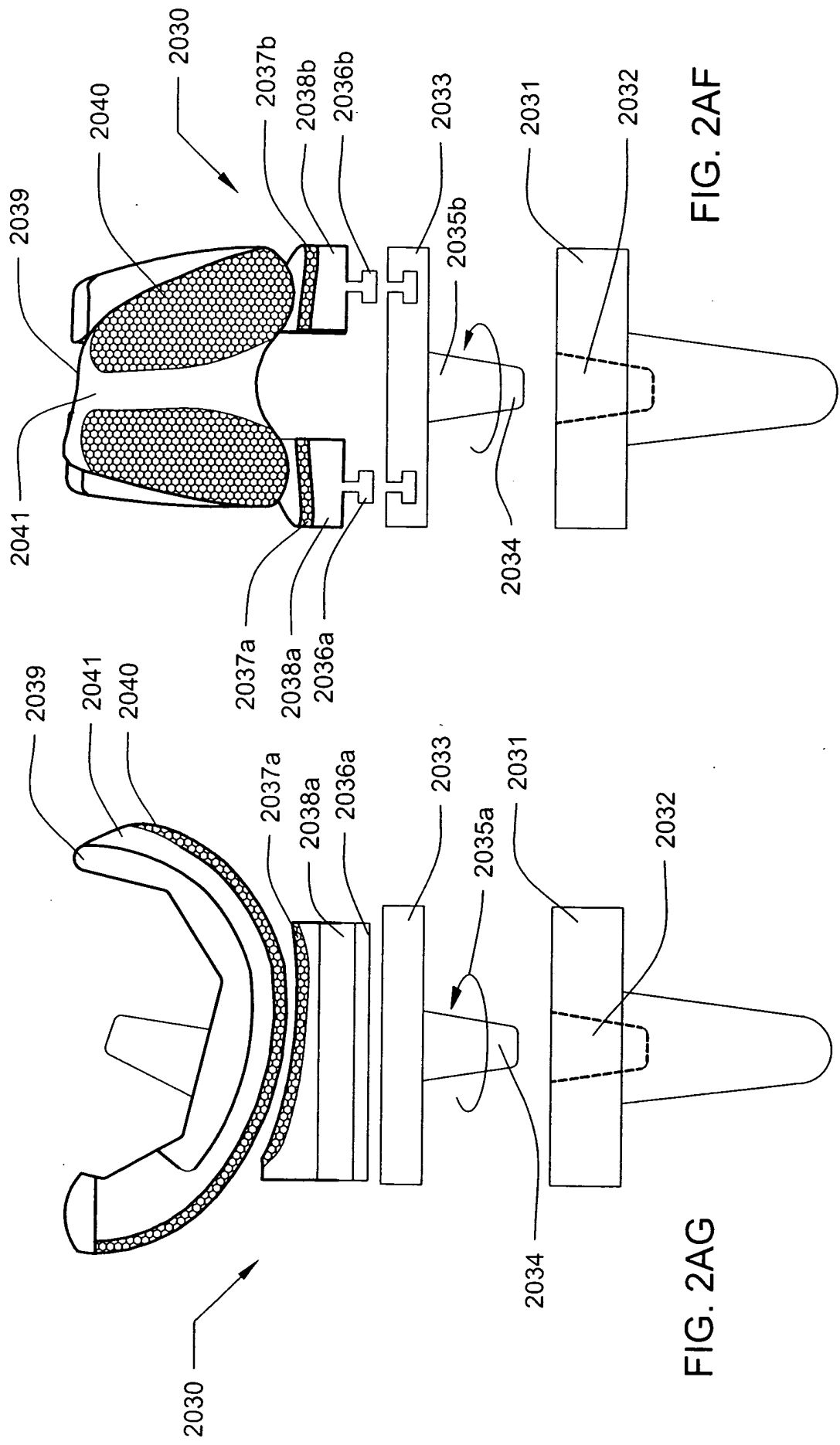


FIG. 2AG

FIG. 2AF

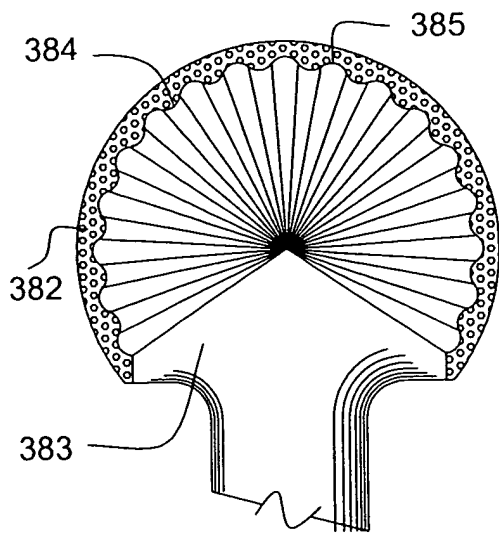


Fig. 3A

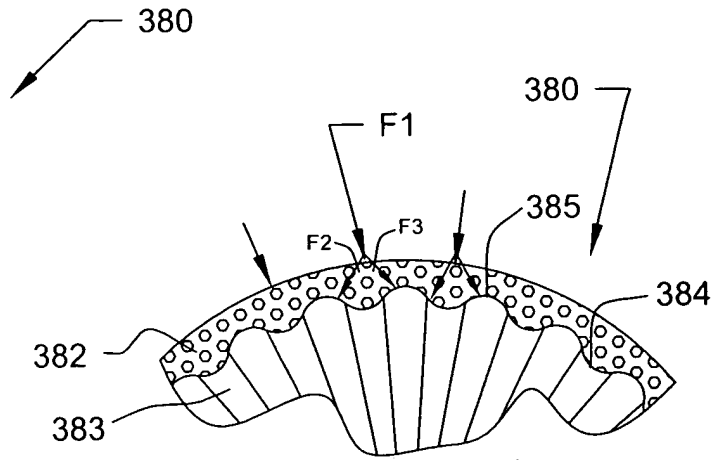


Fig. 3B

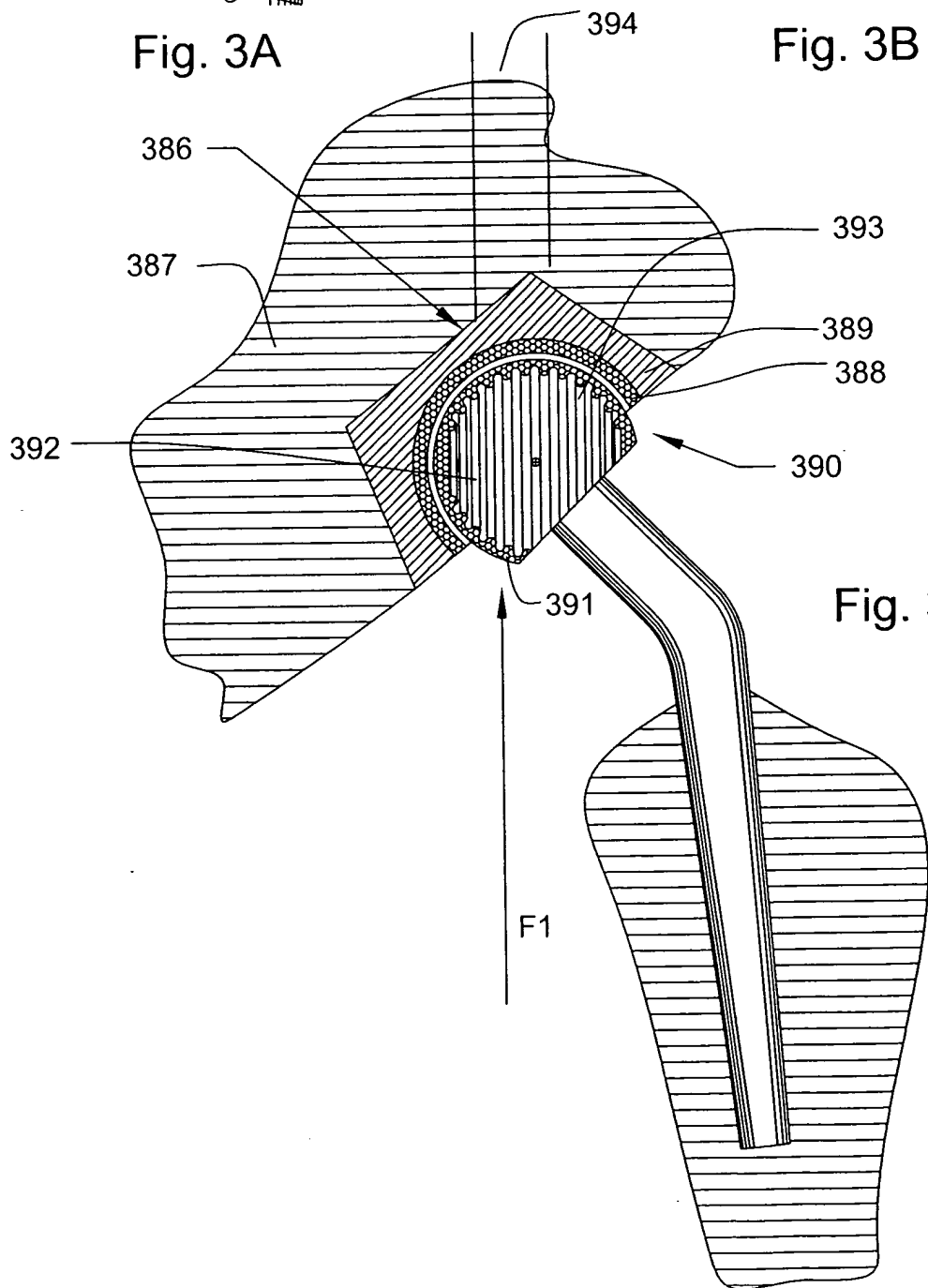


Fig. 3C

Fig. 3D

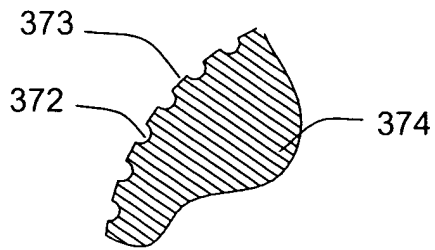
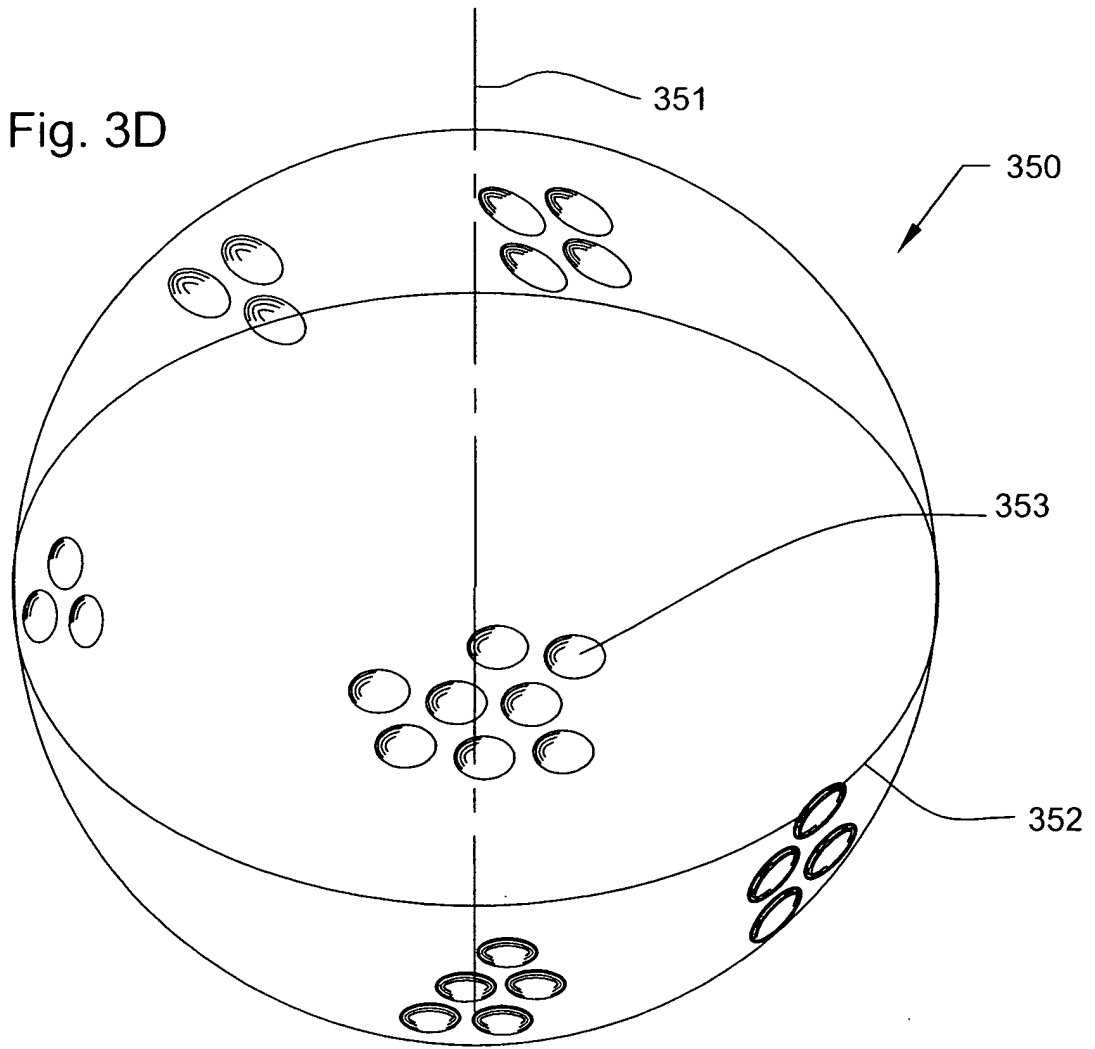


Fig. 3H

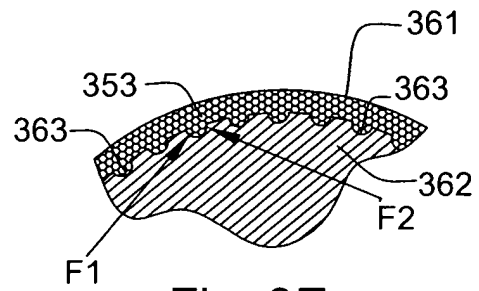


Fig. 3E

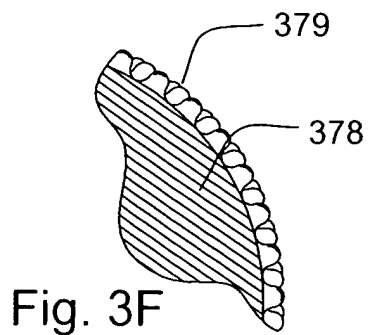


Fig. 3F

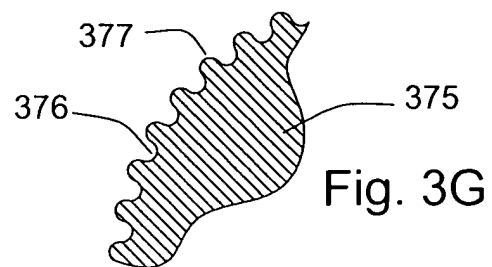


Fig. 3G

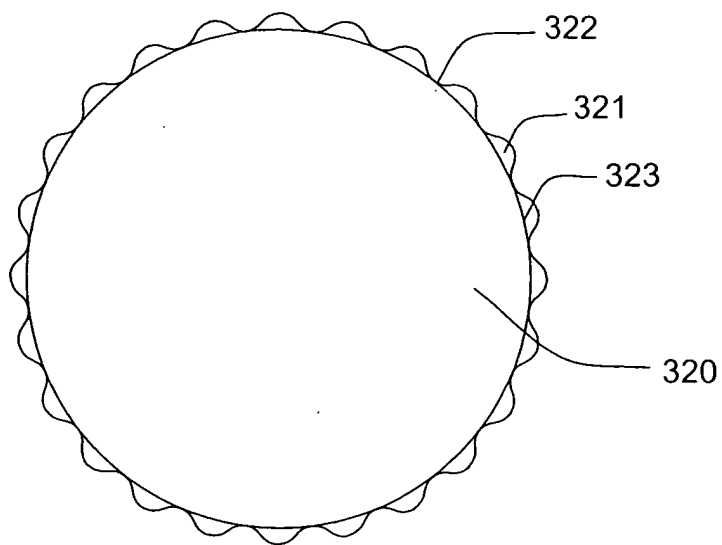


Fig. 3 I

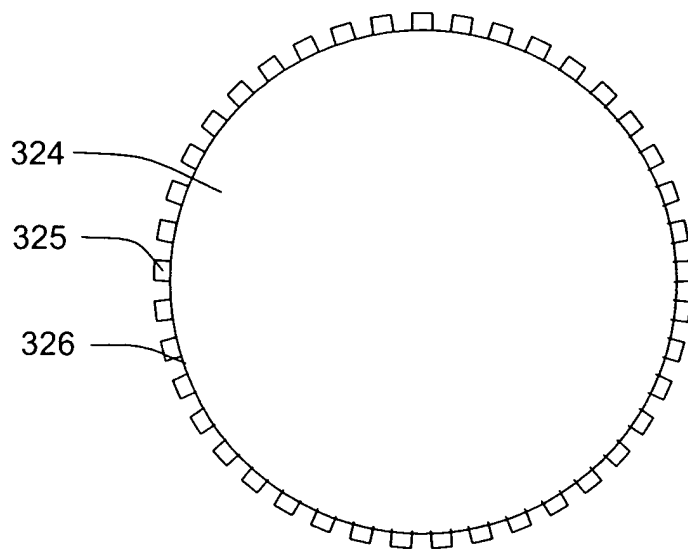


Fig. 3J

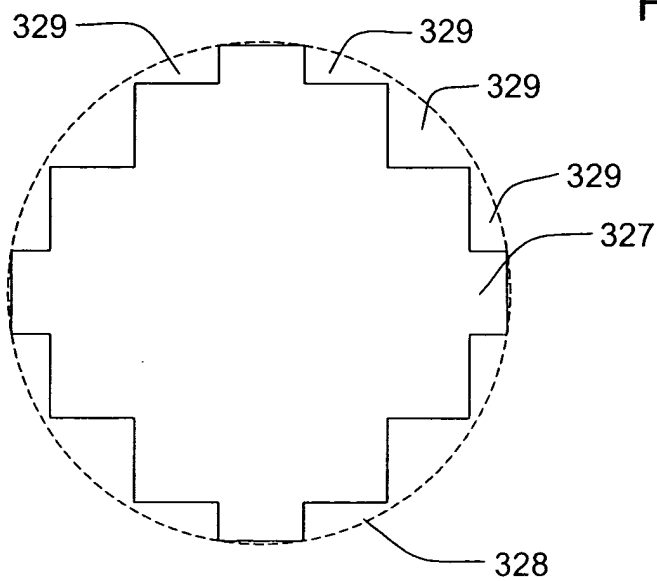


Fig. 3K

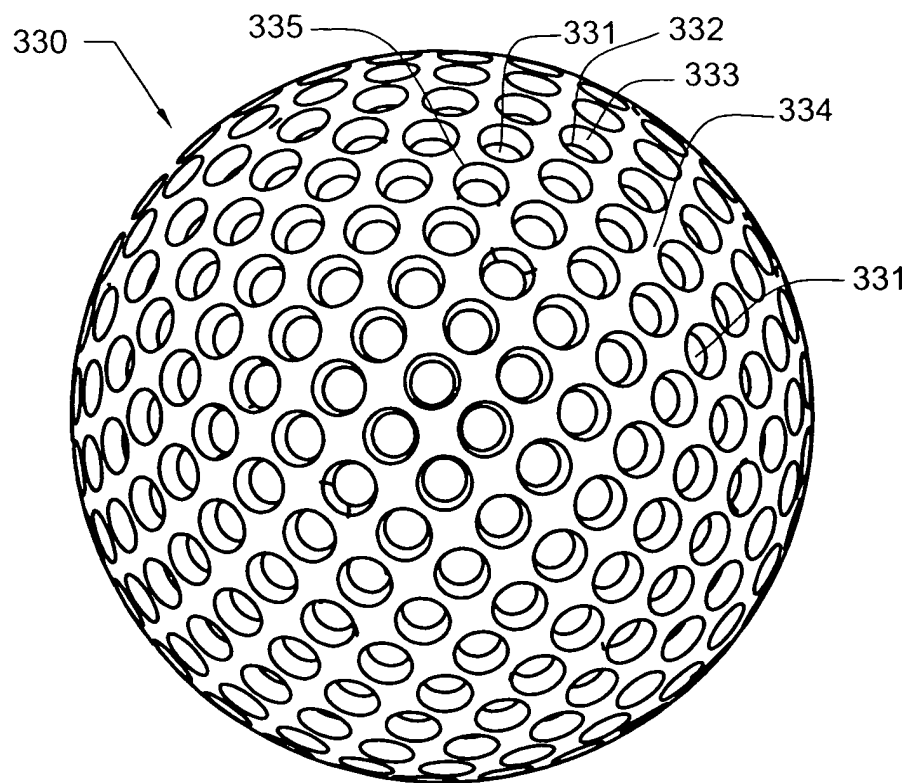


Fig. 3L

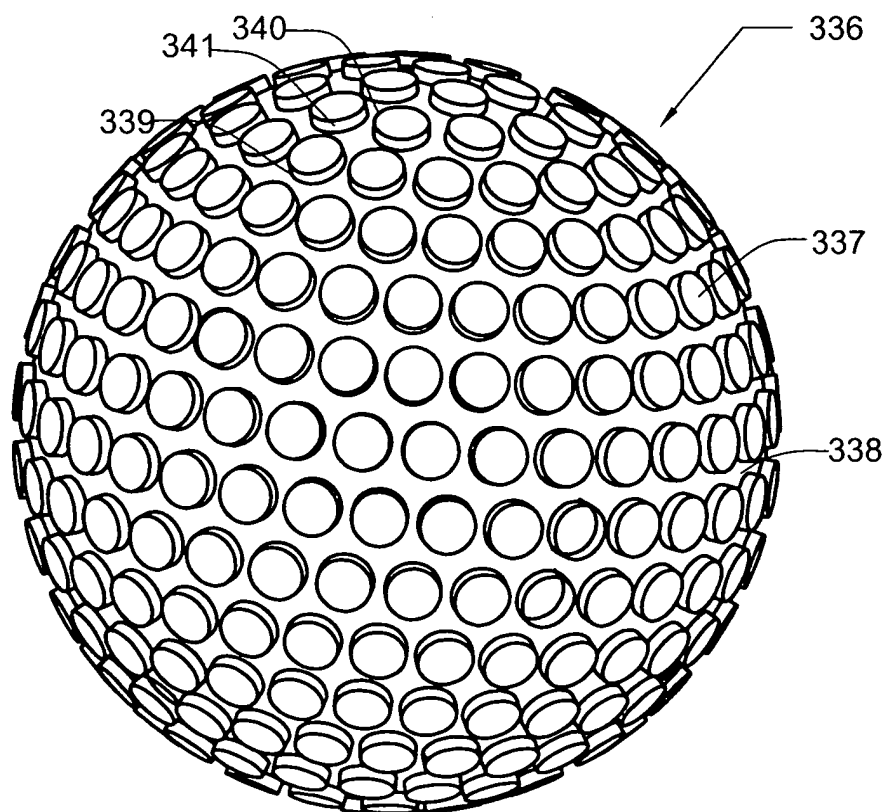


Fig. 3M

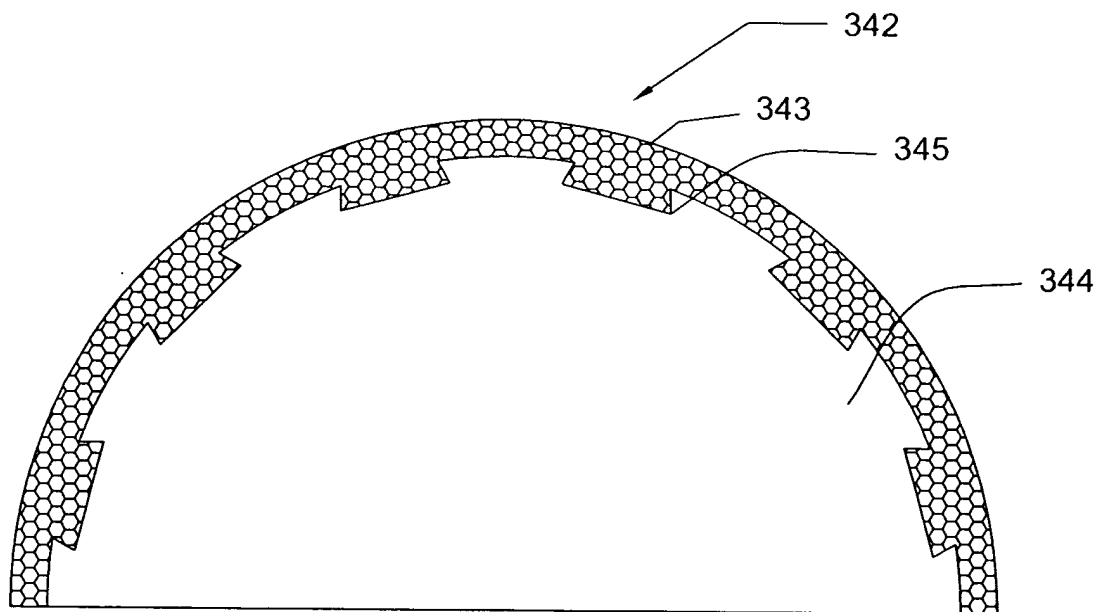


Fig. 3N

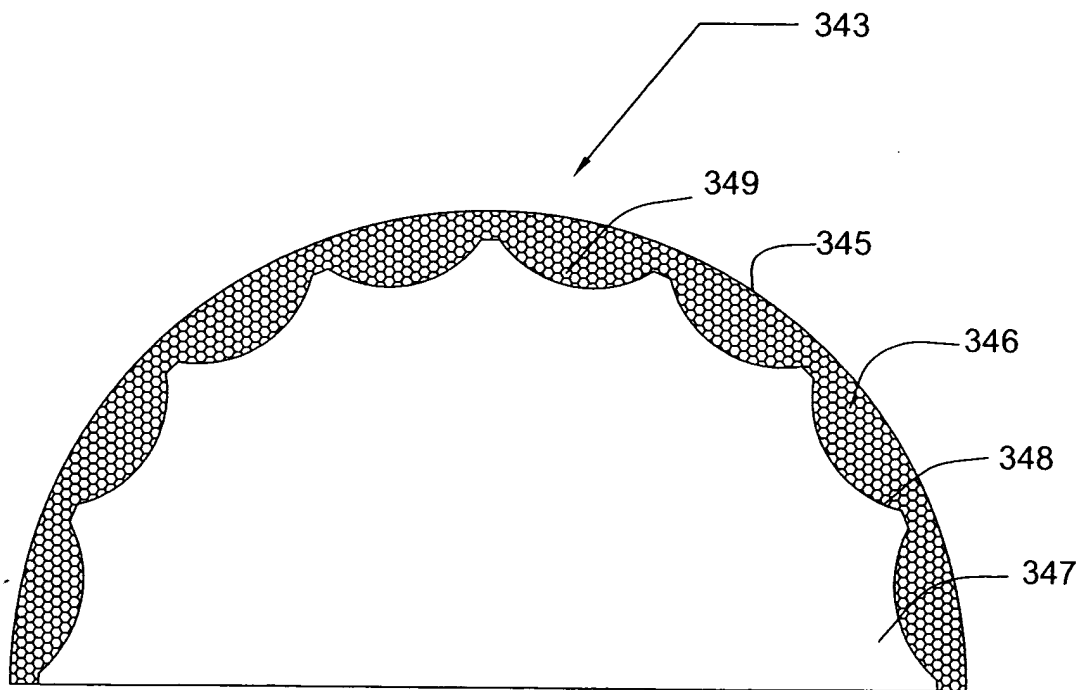


Fig. 3 O

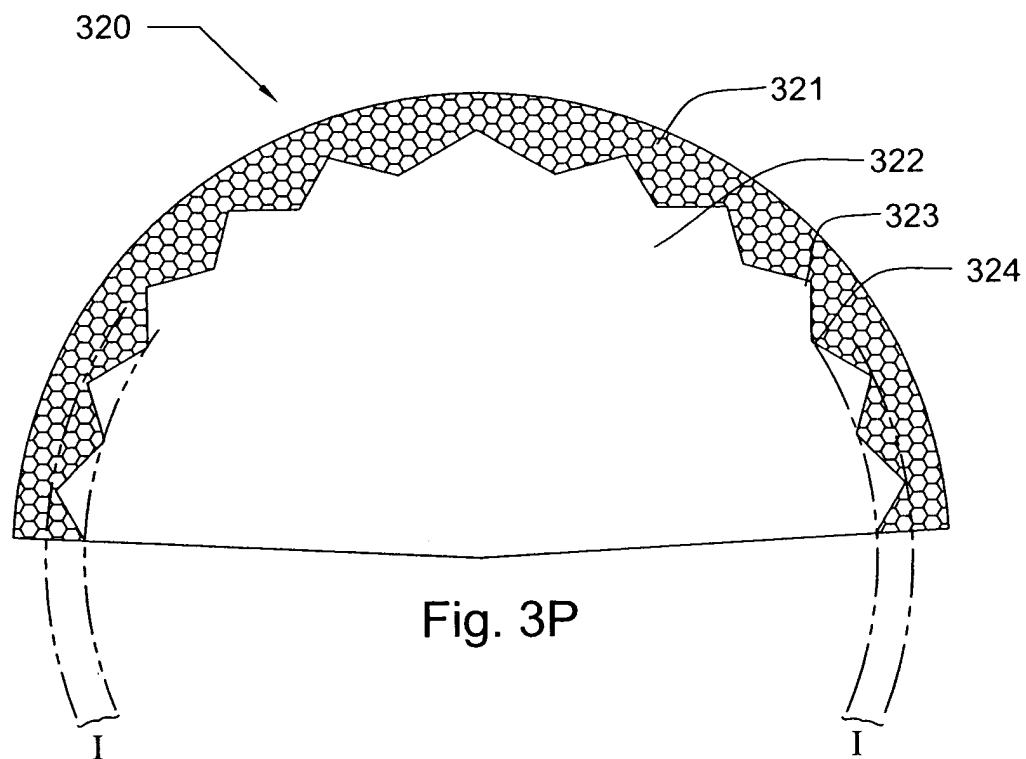


Fig. 3P

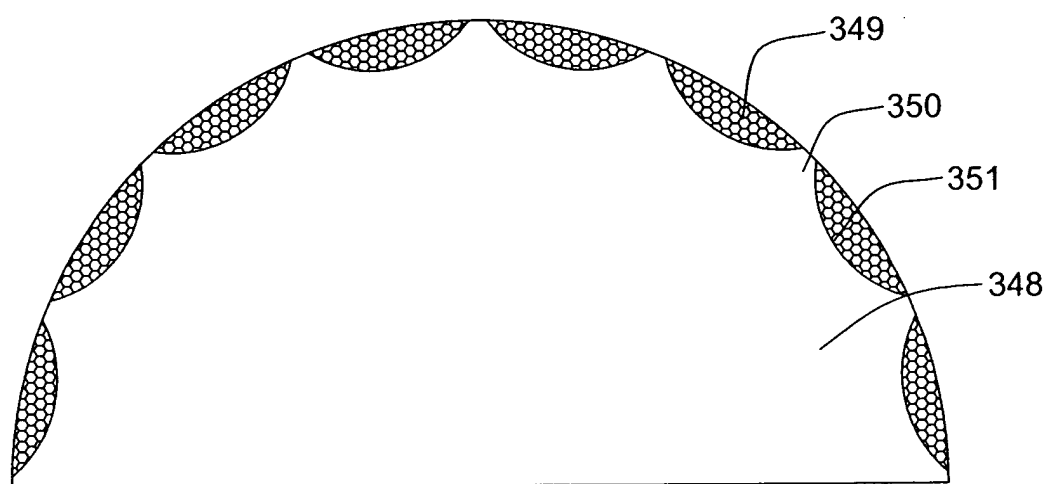


Fig. 3Q



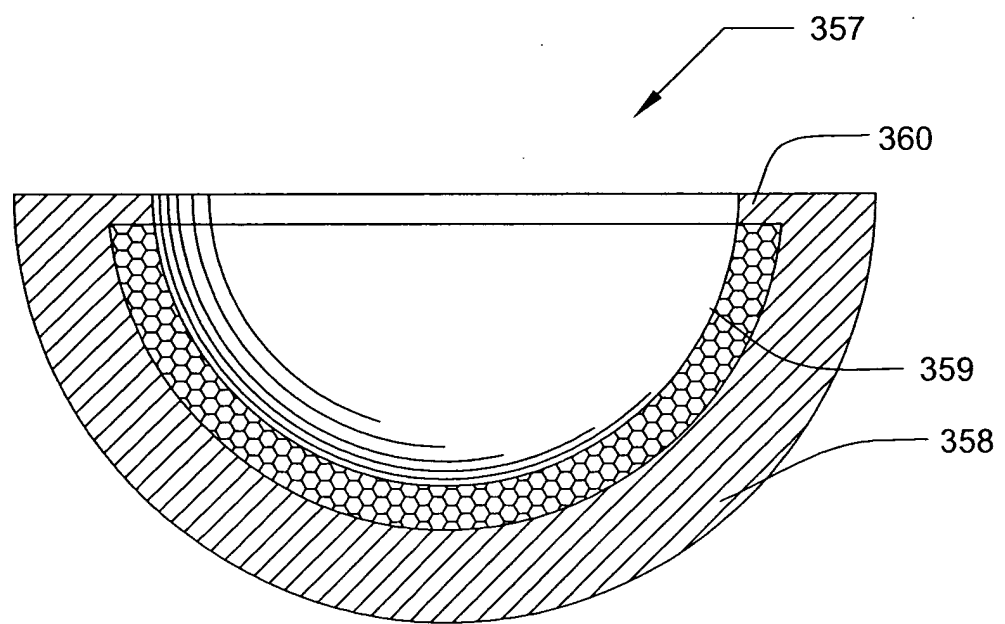
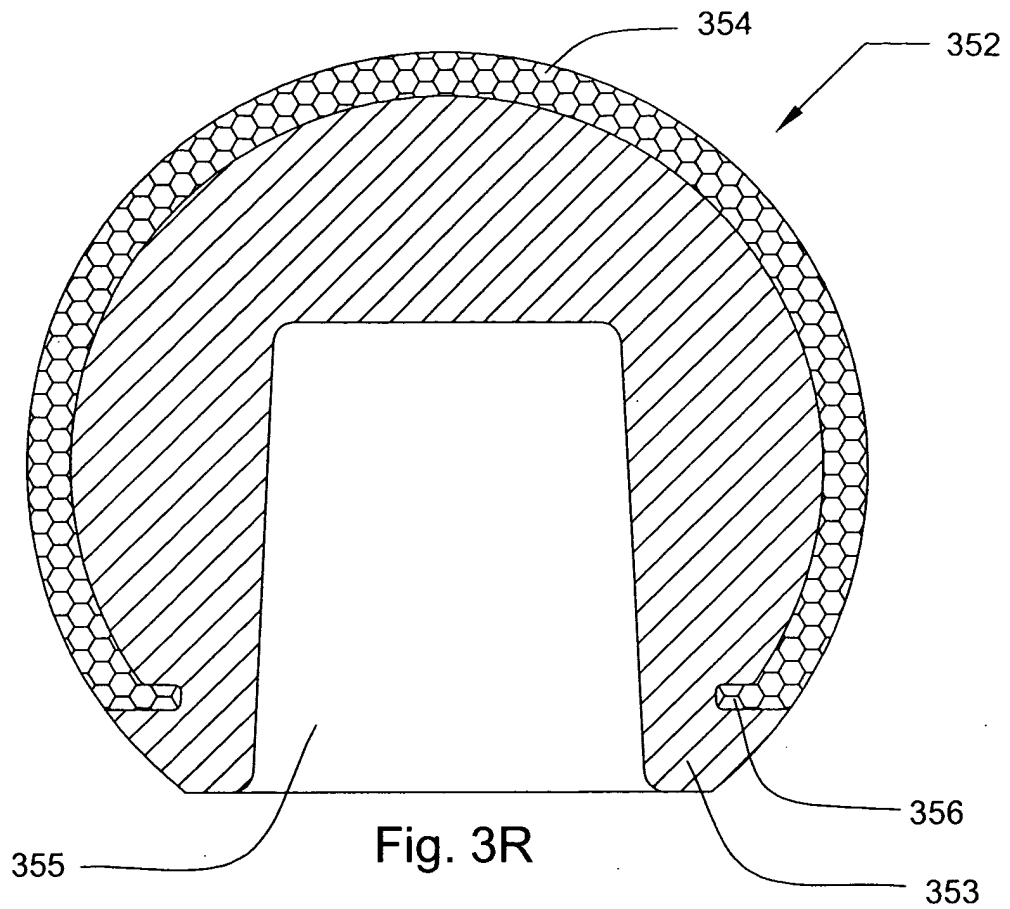


Fig. 3S

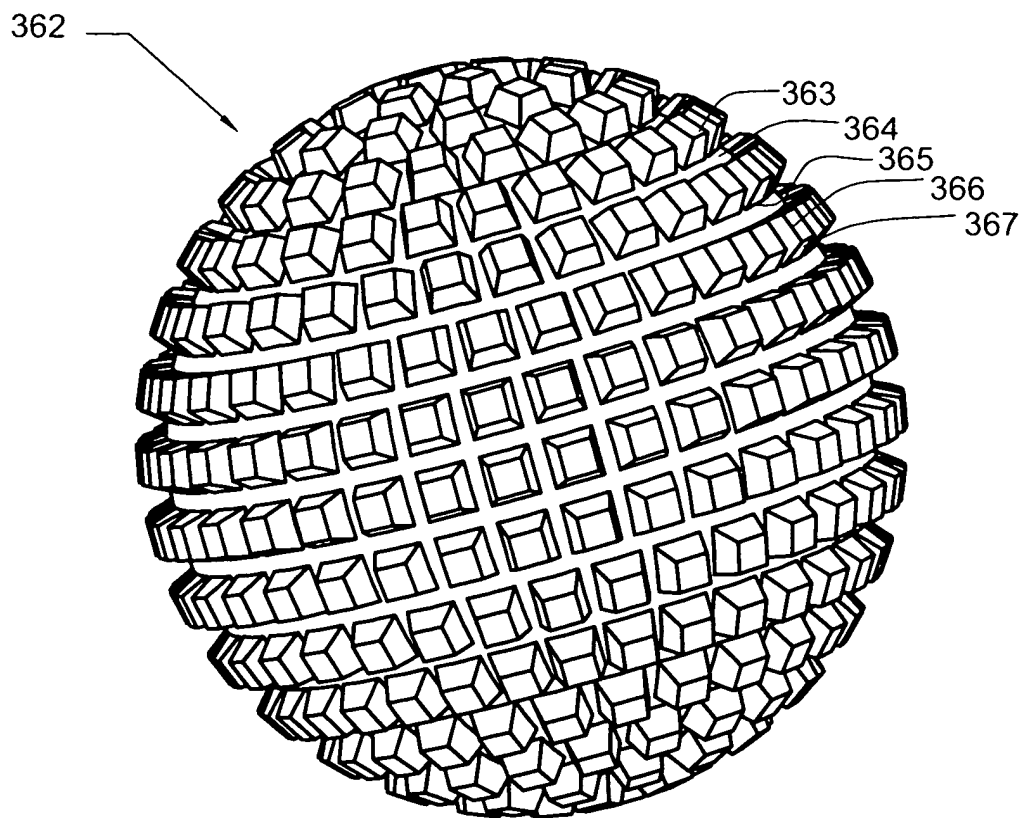


Fig. 3T

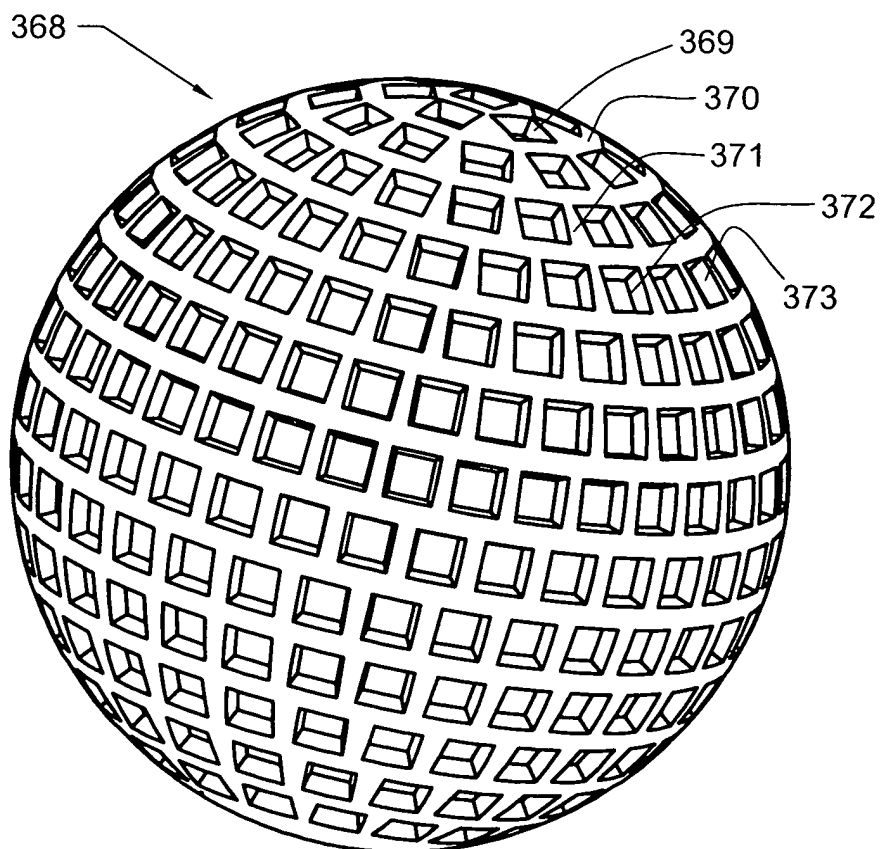


Fig. 3U

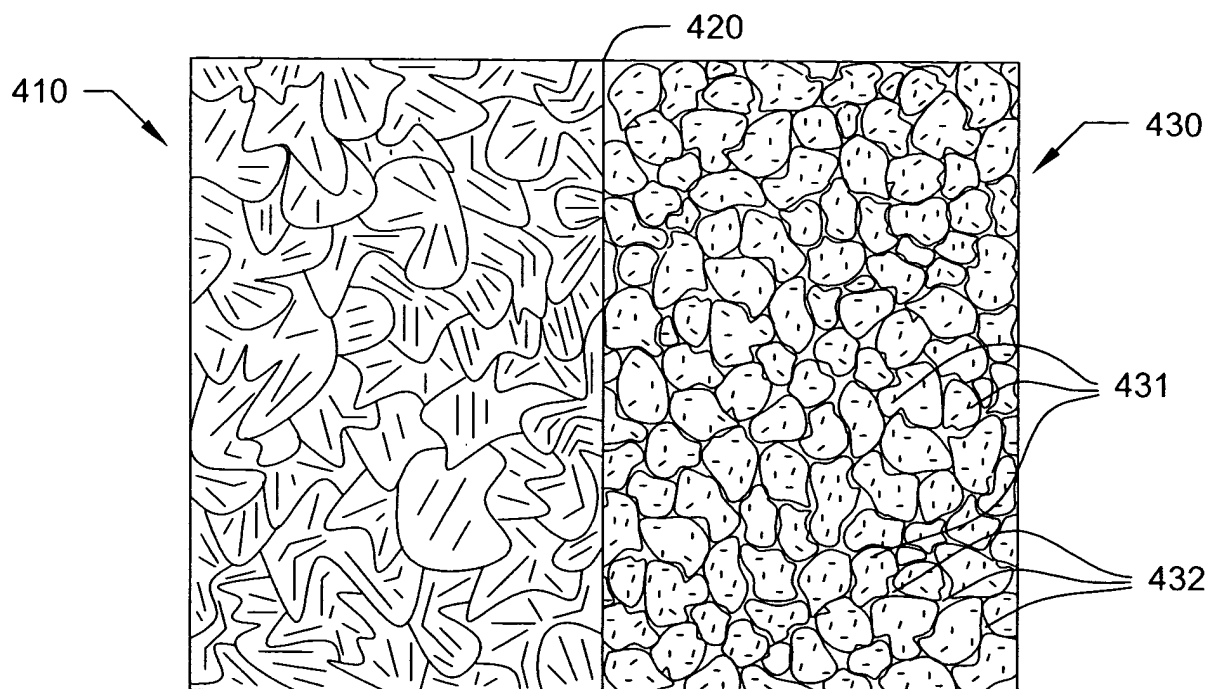


Fig. 4A

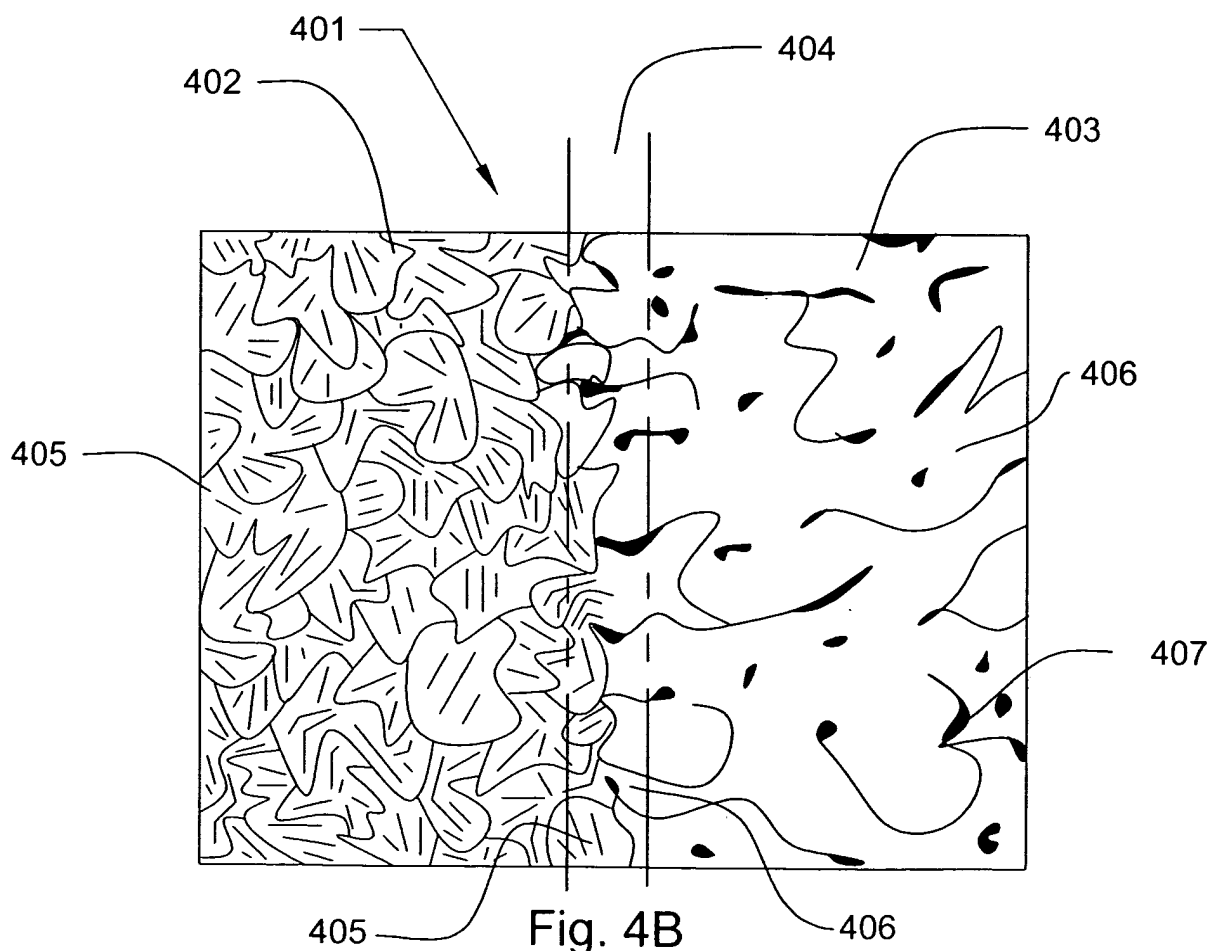
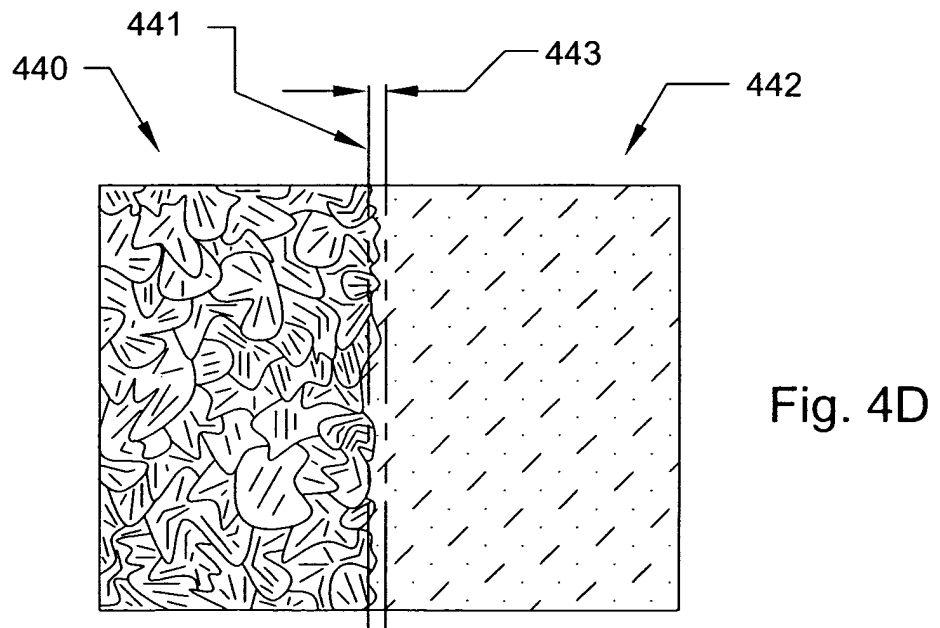
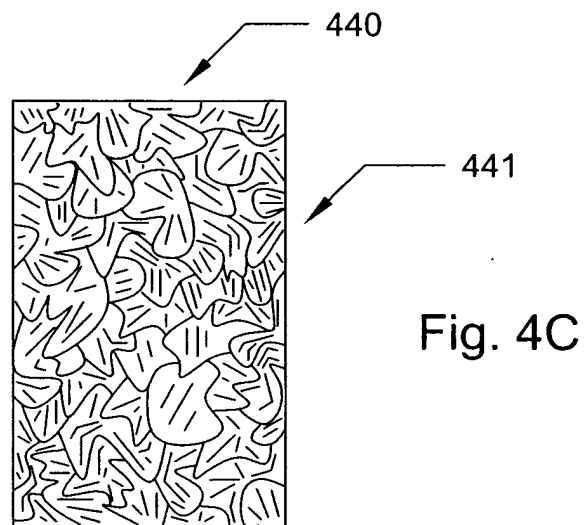
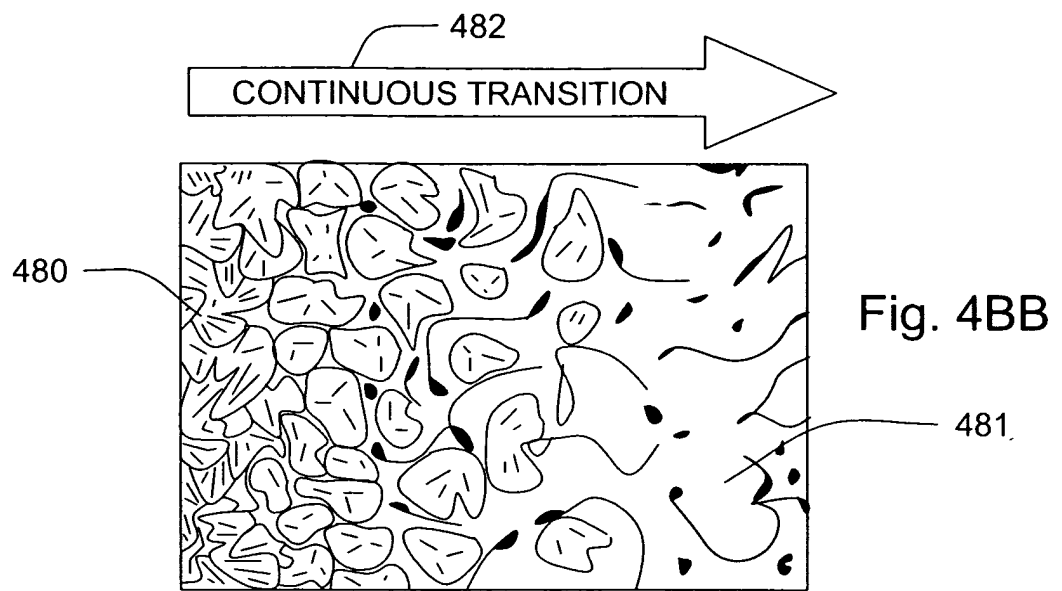


Fig. 4B



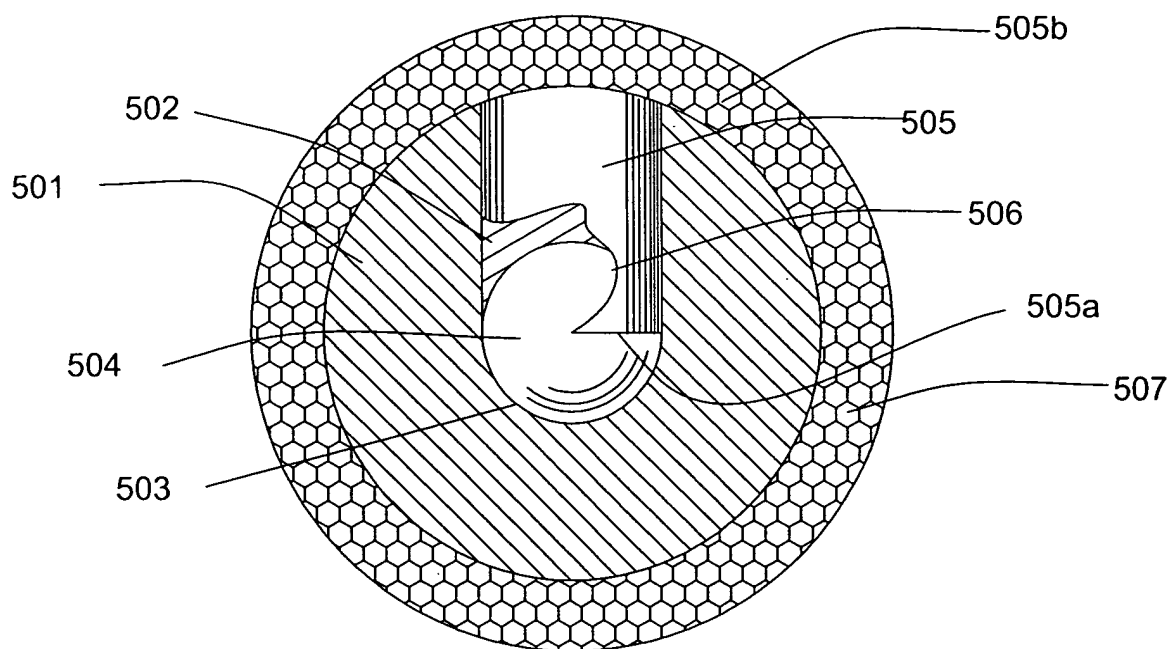


Fig. 5A

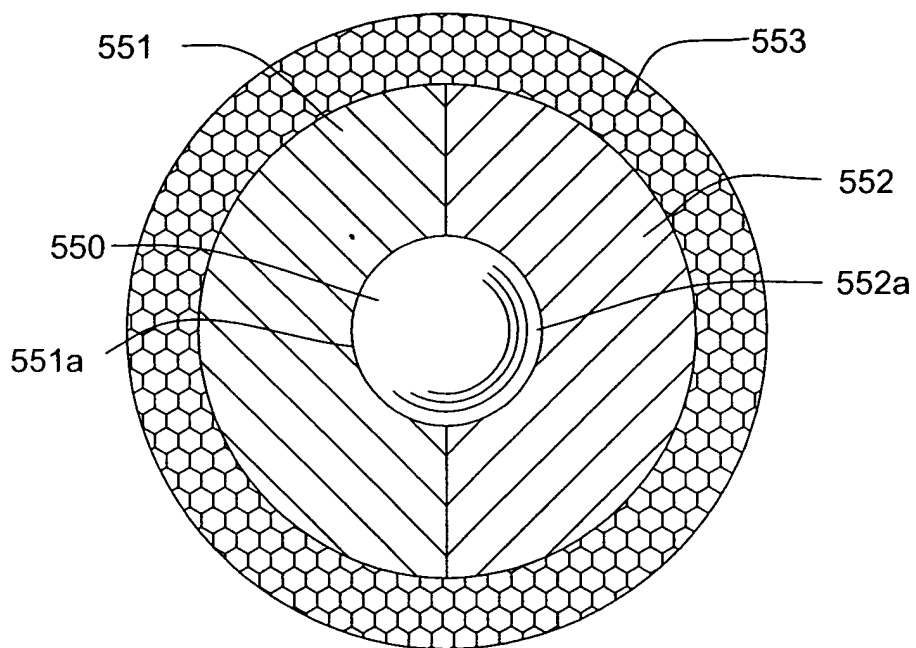


Fig. 5B

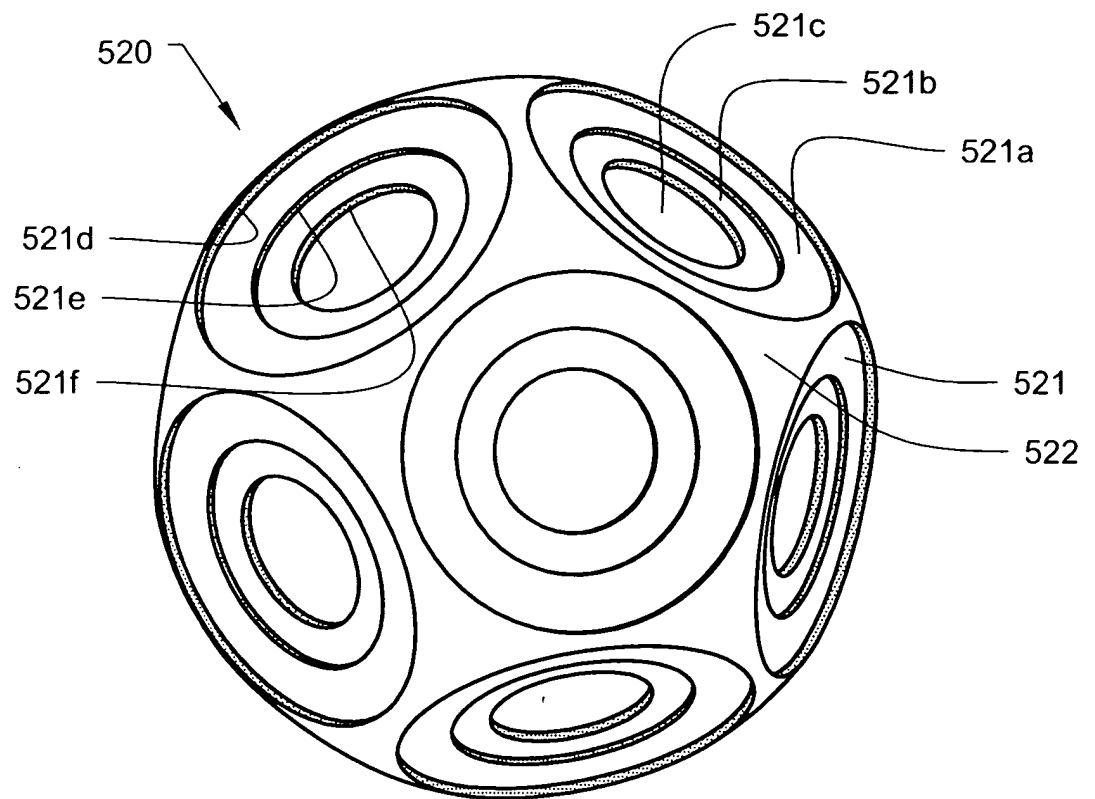


Fig. 5C

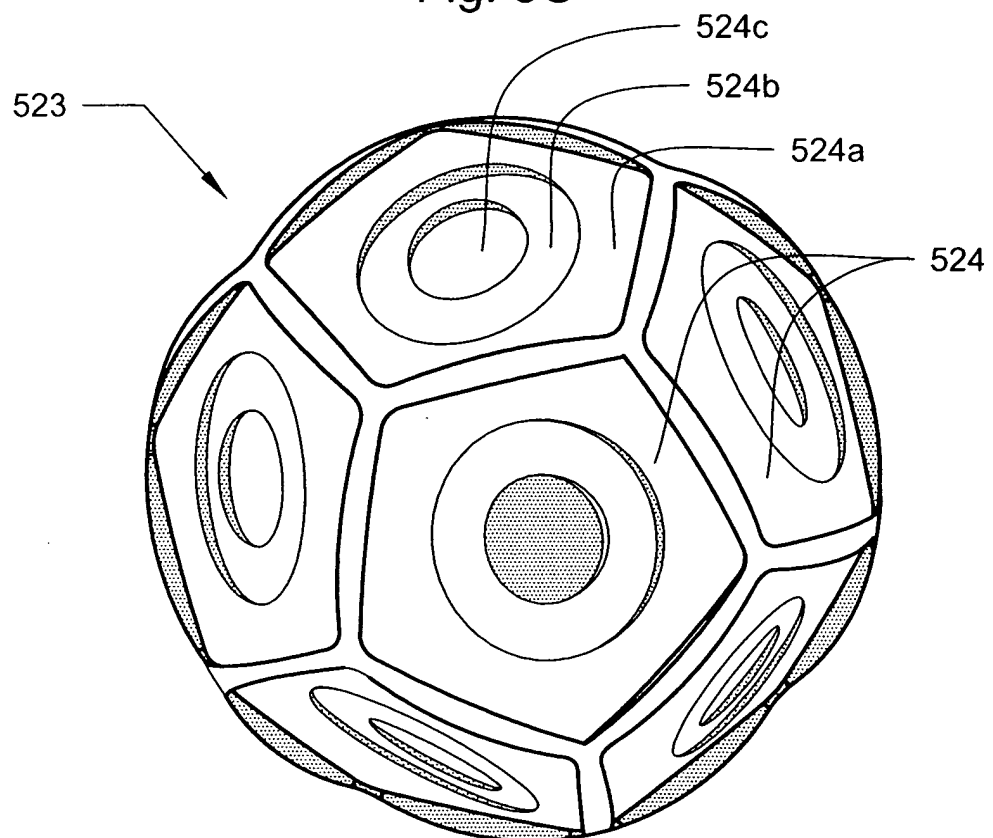


Fig. 5D

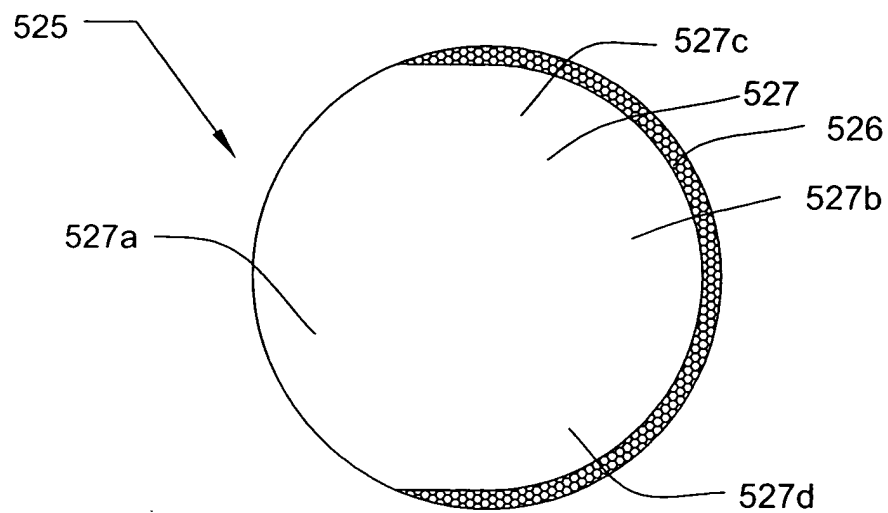


Fig. 5E

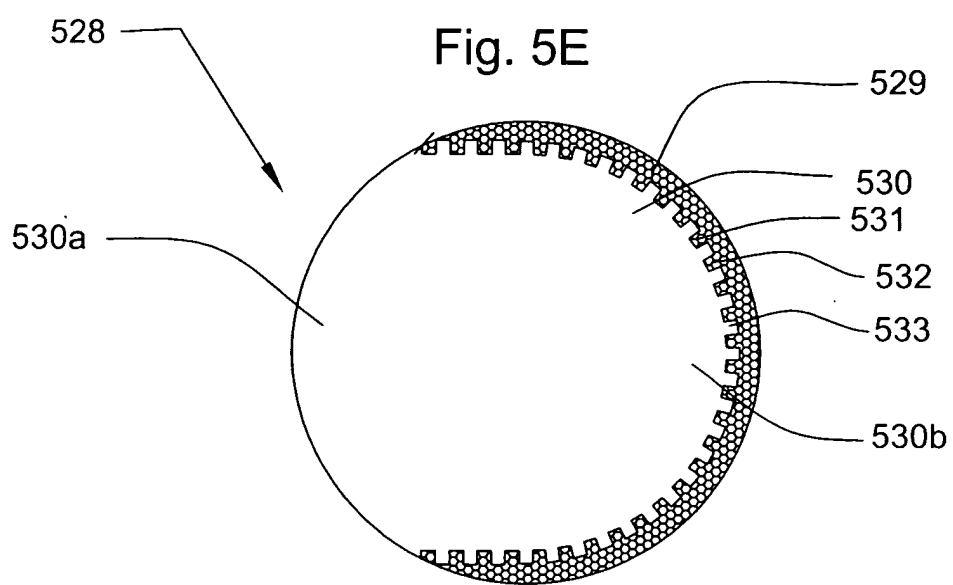


Fig. 5F

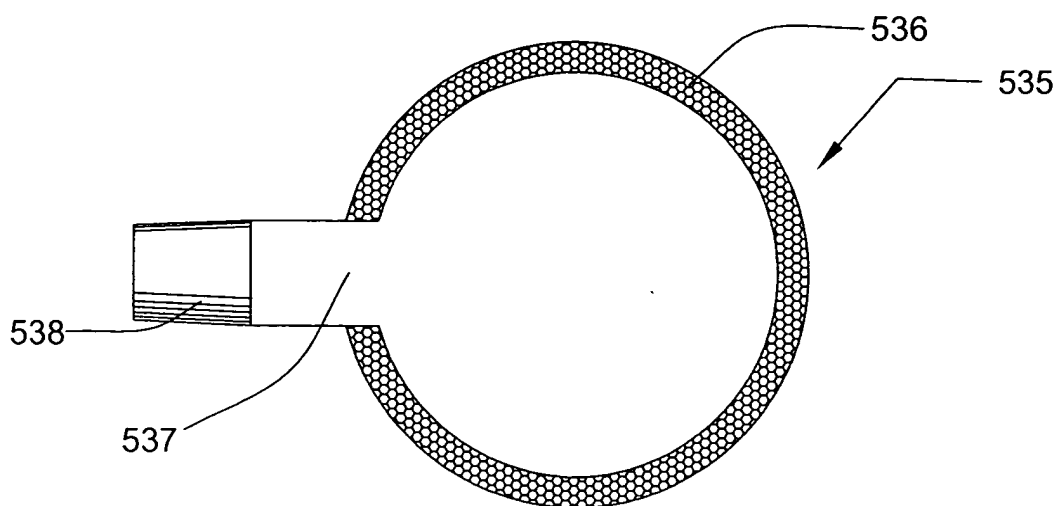
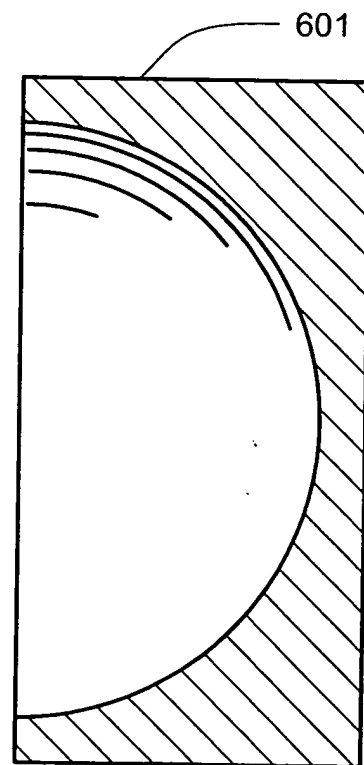
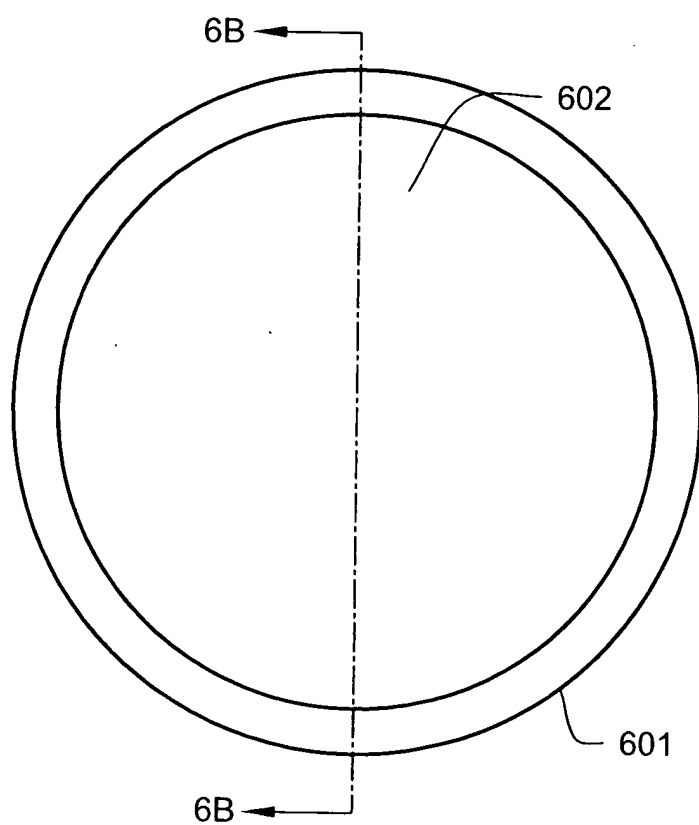
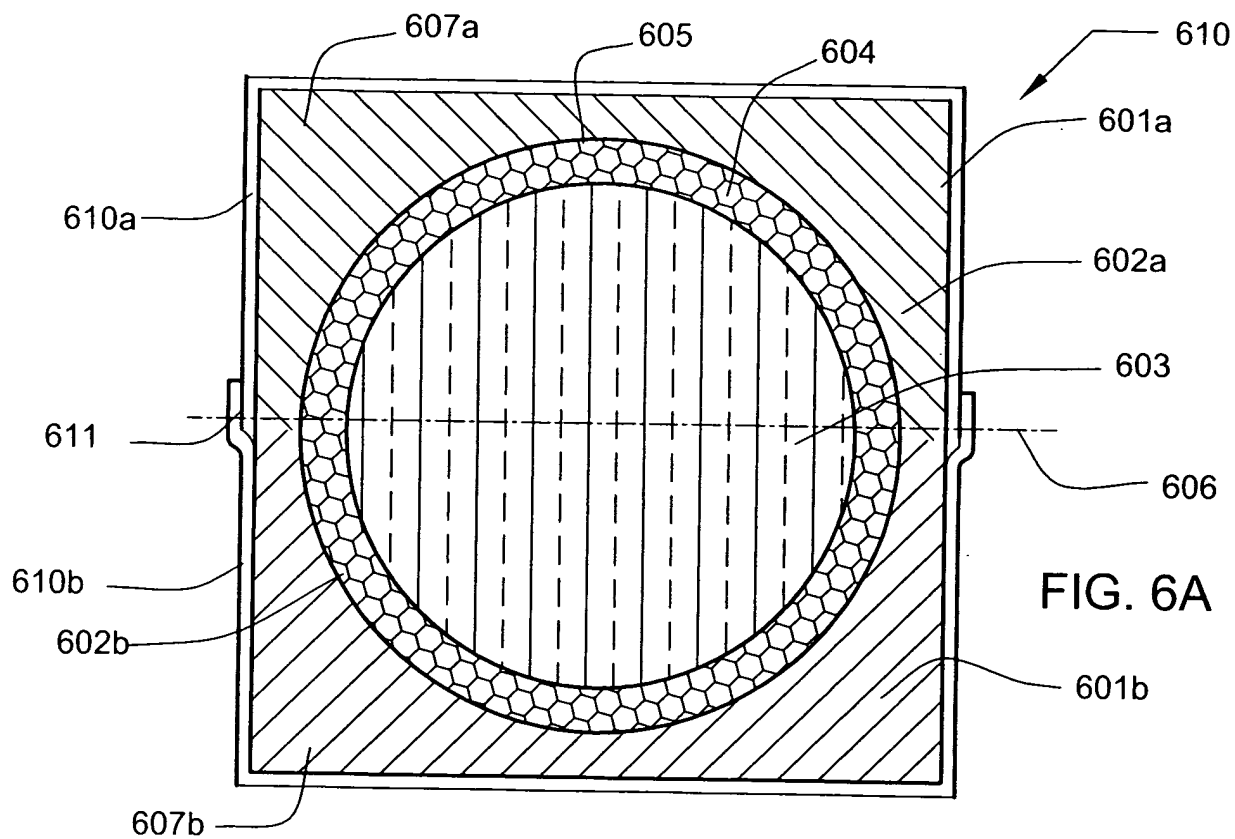


Fig. 5G





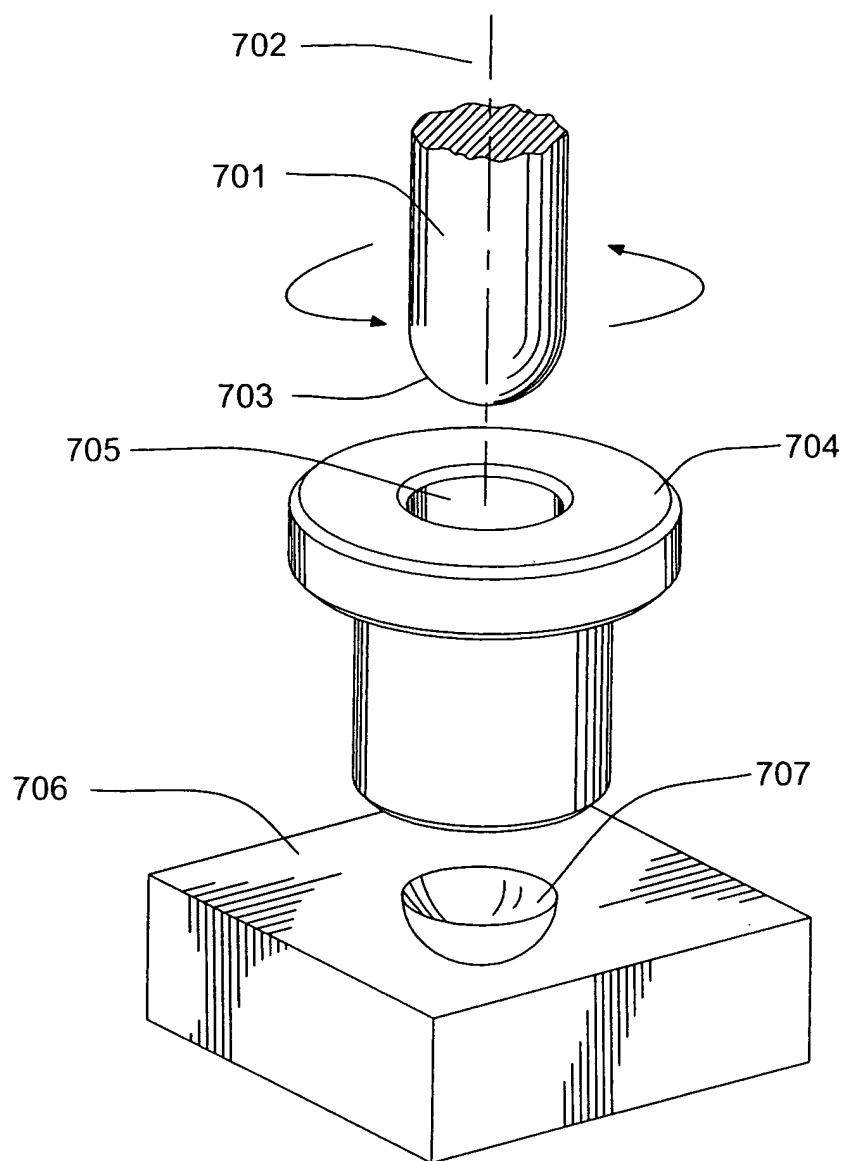


Fig. 7

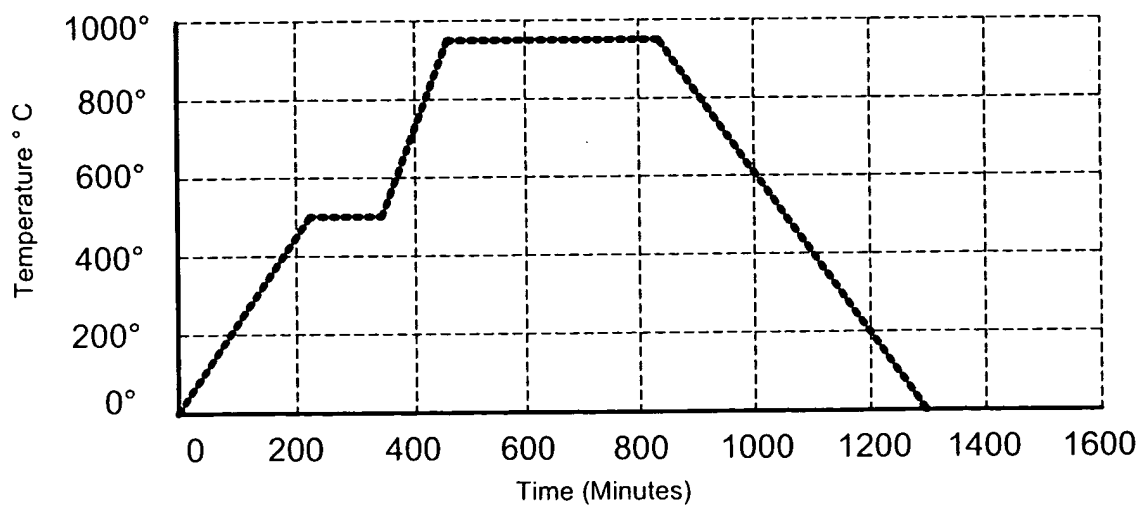


Fig. 7A

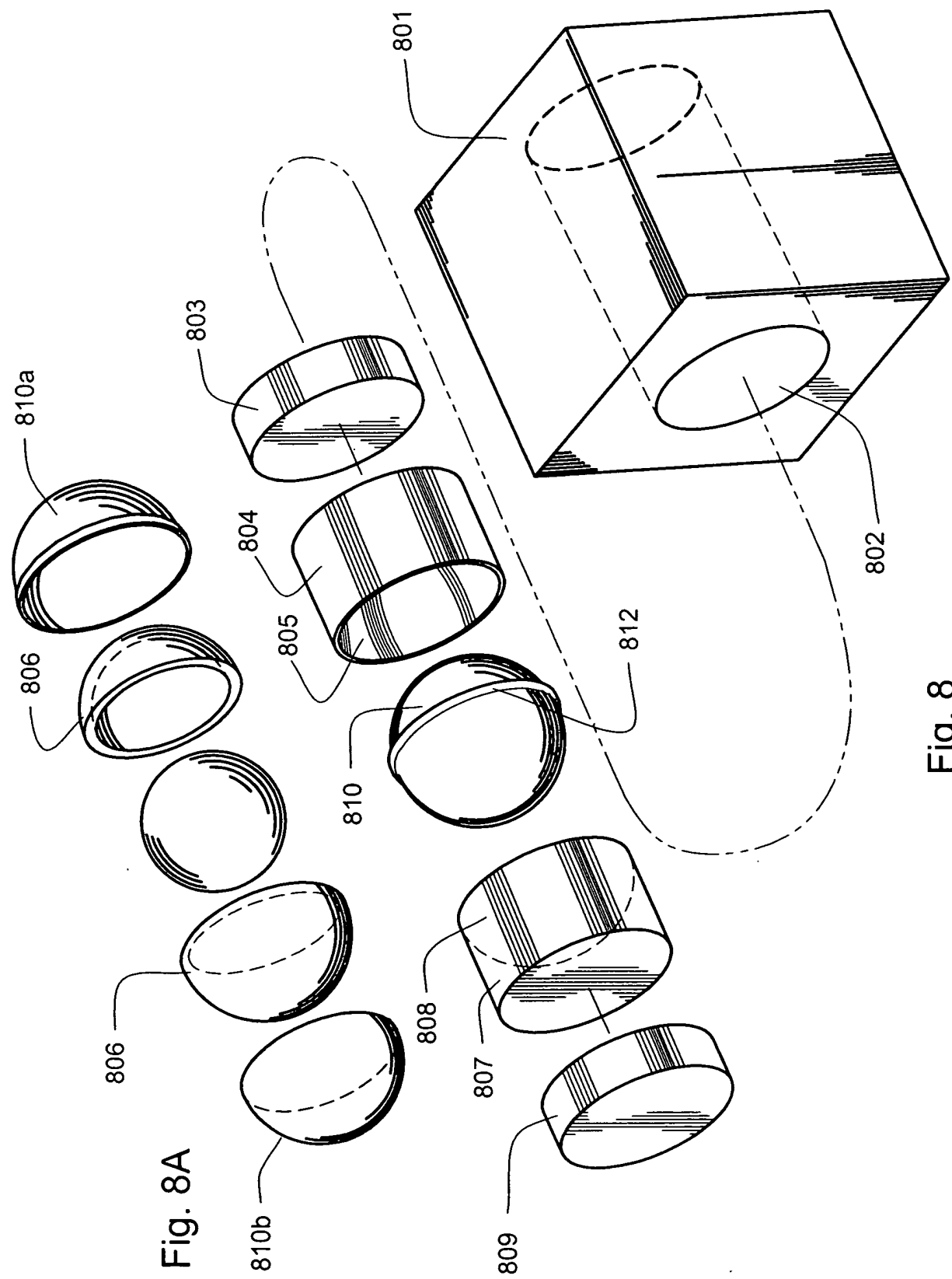


Fig. 8

Fig. 8A

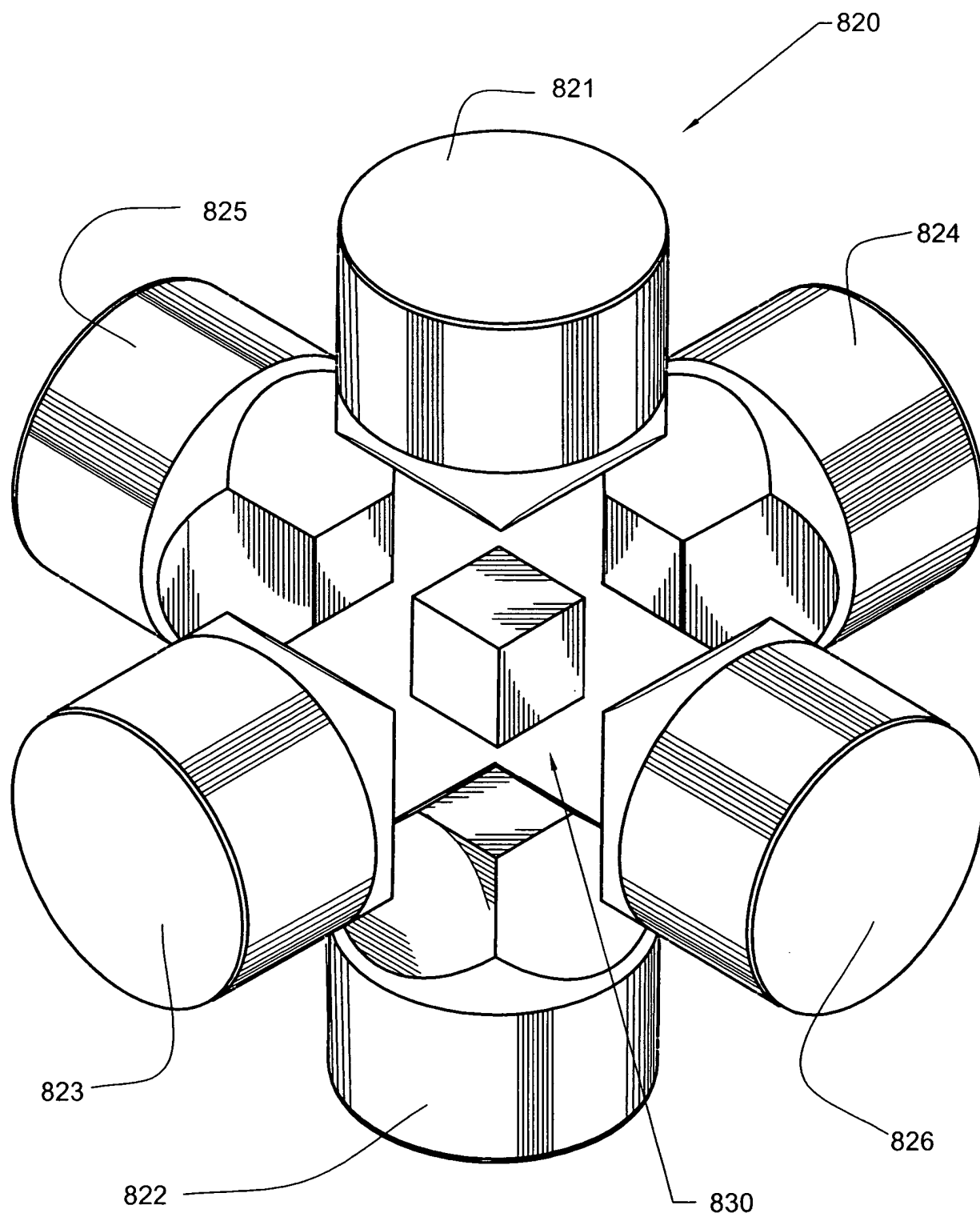


Fig. 8B

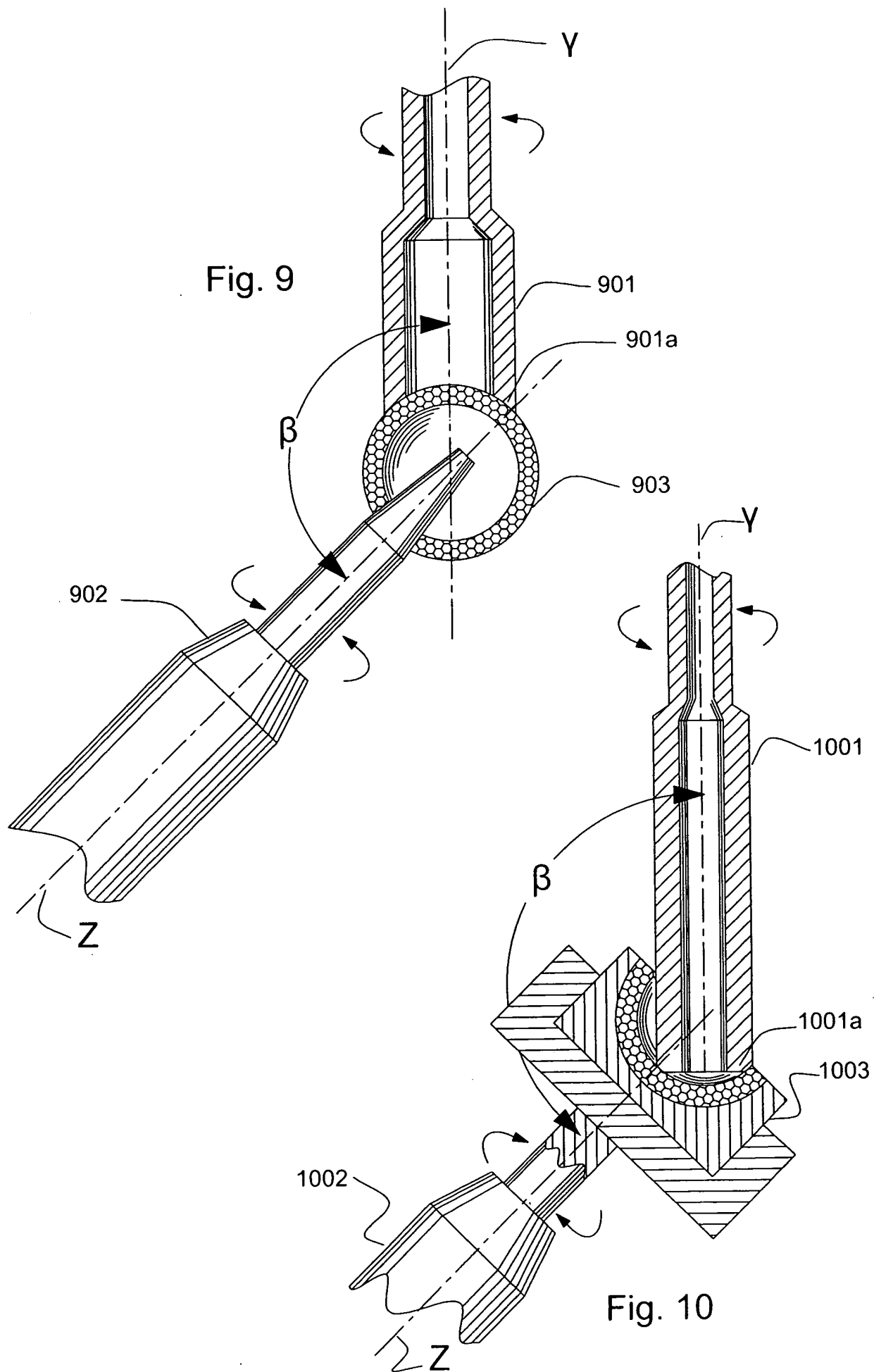


Fig. 11

1101

1102

1103

$\beta$

Z

X

